above ground storage tank air quality asbestos/lead-based paint baseline environmental assessment brownfield redevelopment building/infrastructure restoration caisson/piles coatings construction materials services corrosion dewatering drilling due care analysis earth retention system environmental compliance environmental site assessment facility asset management failure analyses forensic engineering foundation engineering geodynamic/vibration geophysical survey geosynthetic greyfield redevelopment ground modification hydrogeologic evaluation industrial hygiene indoor air quality/mold instrumentation masonry/stone metals nondestructive testing pavement evaluation/design property condition assessment regulatory compliance remediation risk assessment roof system management sealants/waterproofing settlement analysis slope stability storm water management structural steel/welding

underground storage tank

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

30161 SOUTHFIELD ROAD SOUTHFIELD, MICHIGAN

Prepared for:

Agree Realty Corporation 31850 Northwestern Highway Farmington Hills, MI 48334

SME Project Number: PE54232C-05

March 1, 2011





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March 1, 2011

Mr. Jared Gell, CCIM Agree Realty Corporation 31850 Northwestern Highway Farmington Hills, Michigan 48334

> Phase I Environmental Site Assessment Report Proposed Redevelopment of Cranbrook Centre Plaza 30161 Southfield Road, Southfield, Michigan 48076 SME Project Number: PE54232C-05

Dear Mr. Gell:

RE:

Soil and Materials Engineers, Inc. (SME) has completed a Phase I Environmental Site Assessment (ESA) of the above referenced property, hereinafter referred to as the Property. The enclosed Phase I ESA report presents SME's interpretation of the observed conditions based on field observations, a review of readily available historical and regulatory records, and interviews.

The Phase I ESA was requested to identify recorded and readily observable recognized environmental conditions associated with the Property. SME understands Agree Realty Corporation, Agree Development, LLC and Agree Southfield, LLC will rely upon the professional opinions and representations contained in the report in accordance with the terms and conditions agreed upon for the project. This reliance is not to be construed as a warranty or guarantee on the part of SME.

Thank you for the opportunity to provide these services. If you have any questions concerning this report, or if additional services are required, please call.

Very truly yours,

SOIL AND MATERIALS ENGINEERS, INC.

Johnny B. Phanthala, EIT

Staff Engineer

Debra K. Osuch, REM

Senior Project Consultant

Enclosures: 2 Reports and 1 CD

Distribution: Ms. Rochelle Katz-Freeman, City of Southfield

(2 Reports and 2 CDs)

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1.0 SUMMARY

SME performed a Phase I Environmental Site Assessment (ESA) of Cranbrook Center Plaza located at 30161 Southfield Road, in Southfield, Oakland County, Michigan, hereinafter referred to as "the Property," in conformance with the scope and limitations of ASTM Practice E 1527-05. Any exceptions to, or deletions from, this practice are described in Section 2.4 of this report. The findings of SME's ESA are summarized below. A Property Location Map (Figure 1) is included in Appendix A.

The User of this Phase I ESA is Agree Realty Corporation. The User's representative provided information about some or all of the following issues in support of all appropriate inquiry into environmental conditions on the Property: 1) reason for this Phase I ESA; 2) environmental cleanup liens and activity/use limitations (AULs) recorded for the Property; 3) specialized knowledge and experience of the User indicative of potential RECs associated with the Property; 4) relationship of purchase price to market value; 5) commonly known or reasonably ascertainable information about environmental conditions on the Property; and 6) legal/administrative proceedings related to hazardous substances, petroleum products, or environmental compliance issues in, on or emanating from the Property.

SME reviewed the history of Property use, from the present back to the obvious first developed use of the Property or to 1940, whichever was earlier. Based on SME's review of historical information, it appeared that between 1937 and 1940 the Property was grass-covered land and developed with a barn-like structure located on the northwestern portion of the Property with a dirt access road located north of the structure. By 1949, trees were depicted and an additional dirt access road was located east of the barn-like structure on the Property; the use of the barn-like structure is not known. The barn-like structure was razed between 1949 and 1955. By 1955 two house-like structures were present on the central portion of the Property. The eastern portion of the Property was developed with grass and trees, while the remaining portion of the Property appeared to be exposed soil and/or disturbed earth. By 1961, dirt access drives were present to the north and between the two structures. The remaining portions of the Property were developed with grass and trees. Between 1967 and 1972, a paved access drive was located north of the structures and the dirt access drive between the two structures was no longer apparent in the 1967 aerial photo. In addition, the trees located on the southeastern portion of the Property in the 1961 aerial photograph had been removed revealing exposed soil and/or disturbed earth on the 1967 and 1972 aerial photographs. Between 1973 and the time of SME's Property reconnaissance, the Property was developed with the existing commercial office building and associated paved parking, drives, and landscaped areas. The building has been occupied by

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multiple commercial tenants since 1974. The building is configured with 36 tenant spaces occupied by commercial tenants including law offices, accounting offices, and similar office-type uses. Several of the tenant spaces are vacant.

SME conducted a site reconnaissance seeking visual evidence of suspect recognized environmental conditions (RECs) on the Property and observable surrounding areas. The Property consisted of approximately 1.66 acres of land developed with an approximately 36,850-square foot, three-story multi-tenant office building. The remainder of the Property was developed with paved parking and landscaped areas. The surrounding area was primarily commercial with some residential properties located to the south and west of the Property. SME observed no visual evidence of staining, stressed vegetation, pits, ponds, lagoons, underground storage tank systems (USTs) such as fill ports, vent pipes, dispensers, concrete pads or areas of replaced pavement, or aboveground storage tank systems indicative of suspect RECs.

SME interviewed the current owner of the Property and a representative with the City of Southfield Fire Prevention Bureau. No suspect RECs were identified through these interviews.

This assessment has revealed no evidence of recognized environmental conditions in connection with the Property except for the following:

- The potential impact on the Property from lead based paint and other unknown hazardous building constituents during the demolition and redevelopment stages of the Property (Section 5.4.1).
- The potential use of fill soils on the Property to raise grades or fill in possible basements of the former structures on the Property (Section 5.4.1).
- The historical use of the south adjoining site as an orchard (Section 5.5).

The User acquiring the Property is the sole party responsible for complying with AAI requirements for Landowner Liability Protection (LLP) under CERCLA as an Innocent Purchaser, Bona Fide Prospective Purchaser, or Contiguous Property Owner, as applicable. The completion of a Phase I ESA, with statement by an Environmental Professional (EP) that it is compliant with AAI and/or the ASTM E 1527-05 Practice, may not be sufficient to provide CERCLA LLP.

SME's Project Team was as follows:

Preparer: Mr. Johnny B. Phanthala, E.I.T.

Environmental Professional (EP): Ms. Debra K. Osuch, REM

Senior Technical Reviewer: Mr. Keith Egan, Ohio CP #259



2.0 INTRODUCTION

SME performed a Phase I Environmental Site Assessment (ESA) of the 1.66-acre property located at 30161 Southfield Road in the city of Southfield, Oakland County, Michigan, hereinafter referred to as the Property. The Phase I ESA was conducted according to the ASTM International (ASTM) Practice E 1527-05 (Practice), which is accepted in the U.S. Environmental Protection Agency regulations as satisfying one component of the requirements of All Appropriate Inquiries (AAI) under the Comprehensive Environmental Response, Compensation and Liability Act, as amended (CERCLA).

Satisfying AAI is one component of the requirements for a Prospective Purchaser to qualify for the Bona Fide Prospective Purchaser (BFPP), Contiguous Property Owner, or Innocent Landowner defense to CERCLA liability. For properties known to be contaminated with hazardous substances, or petroleum, the Prospective Purchaser also must comply with the continuing obligations defined in CERCLA to maintain the landowner liability protection (LLP) to CERCLA.

Mr. Jared Gell, CCIM, on behalf of Agree Realty Corporation (the User), authorized the conduct of this Phase I ESA to identify and evaluate potential environmental concerns associated with the Property prior to purchase of the Property. SME was retained to conduct this Phase I ESA in accordance with our August 18, 2010, Confirmation for a Phase I ESA (SME Confirmation No. PE54232C-05).

2.1 Purpose

The purpose of this Phase I ESA was to satisfy relevant AAI requirements for qualifying the User of this report for applicable landowner liability protections under CERCLA (42 U.S.C. 9601). One of the primary objectives was to identify recognized environmental conditions (RECs) in connection with the Property and assess the relative significance of the identified REC(s). The Practice defines a REC as:

...the presence or likely presence of any hazardous substances* or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis are not recognized environmental conditions.



*For the purposes of this Phase I ESA, a hazardous substance is a substance as defined in the ASTM Practice E 1527-05.

2.2 Detailed Scope of Services

This Phase I ESA was conducted in conformance with the ASTM Standard Practice on Environmental Site Assessments for Commercial Real Estate designation E 1527-05, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process." This Phase I ESA does not address the non-scope considerations as defined by Section 13 of the Practice.

The Environmental Professional responsible for the conduct of this Phase I ESA was Ms. Debra K. Osuch, REM. The site reconnaissance and interviews were performed by Mr. Johnny B. Phanthala, E.I.T. Senior technical review of this Phase I ESA was provided by Mr. Keith Egan, Ohio CP #259. Resumes of Ms. Osuch, Mr. Egan and Mr. Phanthala are attached in Appendix F.

2.3 Significant Assumptions

Pursuant to the Practice, SME assumes that the information provided by all sources and parties, including the User, is accurate and complete, except where obvious inconsistencies or inaccuracies were identified.

2.4 Limitations and Exceptions

Limitations encountered during the reconnaissance included the inaccessible area between the timber retaining wall and the building's north and south side. This limitation is later discussed in Section 8.0.

The Practice's scope of services was implemented.

2.5 Special Terms and Conditions

No special terms and conditions were imposed on SME as part of this Phase I ESA.

2.6 Reliance

SME has prepared this report to be used and relied upon solely and exclusively by Agree Realty Corporation (the User) in accordance with terms and conditions agreed upon for the project. No other party may rely upon SME's opinions, conclusions or reports unless SME has agreed to such reliance in writing.



3.0 PROPERTY DESCRIPTION

The following are descriptions of the Property, uses and conditions of the Property, and uses of the adjoining sites at the time of this Phase I ESA.

3.1 Property Location and Legal Description

The Property was located at 30161 Southfield Road, Southfield, Oakland County, Michigan. The legal description of the Property, tax identification number 76-24-11-226-028, is attached in Appendix C.

3.2 Property and Vicinity Characteristics

The Property consisted of approximately 1.66 acres of land developed with an approximately 36,850-square foot, three-story multi-tenant office building. The remainder of the Property was developed with paved parking and landscaped areas. The surrounding area was primarily commercial with some residential properties located to the south and west of the Property.

A current Property Features Diagram was developed from the observations, field notes, photographs, and/or historical information collected during conduct of this Phase I ESA. It is included as Figure 2 in Appendix A.

3.3 Current Use of the Property

At the time of SME's reconnaissance, the office building on the Property was configured with 36 tenant spaces and was partially occupied by commercial office tenants. A list of tenants, which also indicates the size of each unit, was provided to SME by Agree Realty Corporation and is included in Appendix C. Approximately 40% of the units in the building were vacant. The building was connected to the following primary utilities: electricity, natural gas, municipal water, sanitary sewer, and storm sewer.



3.4 Current Uses of the Adjoining Sites

Known current uses of adjoining sites are summarized in the following table:

Direction	Name Address	Activity
North	Cracker Barrel Liquor	Retail
	30203 Southfield Road	
Northeast	Balmoral Condominiums	Residential
East	Starbucks, Ziggy's, Jet's Pizza, T- Mobile, Hear USA	Food/Retail Shops
	30140 Southfield Road	
Southeast	Comfort Dental	Dentist Office
	30003 Southfield Road	
South	Residential Properties	Residential
West	Cranbrook Centre Apartments	Residential



4.0 USER PROVIDED INFORMATION

As part of AAI the User has the statutory responsibility, above and beyond the Phase I ESA conducted under supervision of an EP, to provide information about the following issues in support of all appropriate inquiry into environmental conditions on the Property:

- Reason for this Phase I ESA;
- Environmental cleanup liens and activity/use limitations (AULs) recorded for the Property;
- Specialized knowledge and experience of the User indicative of potential RECs associated with the Property;
- Relationship of purchase price to market value;
- Commonly known or reasonably ascertainable information about environmental conditions on the Property; and
- Legal/administrative proceedings related to hazardous substances, petroleum products, or environmental compliance issues in, on or emanating from the Property.

The User information was provided through completion of the **User Questionnaire** attached in Appendix E. Information provided by Mr. Laith M. Hermiz, Executive Vice President with Agree Realty Corporation is summarized in the following subsections.

4.1 Reason for the Phase I ESA

Mr. Hermiz reported that the reason for this Phase I ESA of the Property was to support the User's all appropriate inquiry into environmental conditions of the Property, a component of the User's effort to qualify for one of the landowner liability protections to CERCLA applicable to the planned purchase of the Property.

4.2 Recorded Environmental Cleanup Liens and AULs

No recorded environmental cleanup liens or AULs related to the Property were reported by the User.

Mr. Hermiz reported that a review of recorded land title records for the Property was not conducted. This represents a data gap with respect to AAI and is discussed in Section 8.



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4.3 Specialized Knowledge and Experience

Mr. Hermiz reported having no specialized knowledge or experience that would indicate, or create suspicion of, the presence environmental contamination on the Property.

4.4 Relationship of Purchase Price to Value

Mr. Hermiz reported that the purchase price of the Property reflected fair market value.

4.5 Commonly Known or Reasonably Ascertainable Information

Mr. Hermiz reported that he has not become aware, through conversations, rumor, etc., of any commonly known or reasonably ascertainable information within the local community that would indicate the Property could be contaminated or that any past event could have resulted in environmental impact of the Property or adjoining properties.

4.6 Proceedings Involving the Property

Mr. Hermiz, based on personal knowledge and experience related to the Property, reported no known pending, threatened, or past litigation, administrative proceedings, or violations of environmental laws and regulations related to hazardous substances or petroleum products in, on, or arising from the Property.



5.0 RECORDS REVIEW

5.1 Environmental Record Sources

SME retained Environmental Data Resources, Inc. (EDR) to query the state, federal, and tribal regulatory agency lists of environmental sites identified in the Practice to identify regulated and/or environmentally impacted sites within the specified approximate minimum search distances. Results from the following databases were reported:

- 1. United States Environmental Protection Agency (USEPA) Superfund National Priority List 1-mile search distance. (NPL)
- 2. USEPA Superfund Delisted National Priority List 1/2-mile search distance. (NPL Delisted)
- 3. USEPA Superfund Comprehensive Environmental Response, Compensation and Liability Information System Hazardous Waste Sites 1/2-mile search distance. (CERCLIS)
- 4. USEPA Superfund CERCLIS Archive No Further Remedial Action Planned Sites 1/2-mile search distance. (CERCLIS-NFRAP)
- 5. Federal Resource Conservation and Recovery Information System (RCRIS) Corrective Action Facilities List 1-mile search distance. (CORRACTS)
- 6. USEPA RCRA Treatment Storage and Disposal Facilities List 1/2-mile search distance. (RCRA-TSD)
- 7. USEPA Federal Resource Conservation and Recovery Act of 1976 Large Quantity Generators (LQG), Small Quantity Generators (SQG), and Conditionally Exempt Generator (CEG) List for Michigan Property and adjoining sites. (RCRA-LQG/RCRA-SQG/RCRA-CESQG)
- 8. Federal Institutional Control / Engineering Control Registries Property only.
- 9. USEPA Emergency Response Notification System List Property only. (ERNS)
- 10. State / Tribal Sites of Environmental Contamination 1-mile search distance (State Contaminated Site or Tribal Contaminated Site)
- 11. State / Tribal Solid Waste Landfills 1/2-mile search distance. (State Landfill or Tribal Landfill)



- 12. State / Tribal Open and Closed Leaking Underground Storage Tank Sites 1/2-mile search distance. (State Open LUST/Closed LUST or Tribal Open LUST/Closed LUST)
- 13. State / Tribal Registered Underground Storage Tanks Property and adjoining sites. (State Registered UST or Tribal Registered UST)
- 14. State / Tribal Institutional Control / Engineering Control Registries Property only.
- 15. State / Tribal Voluntary Action/Cleanup Program Sites 1/2 mile search distance. (State VAP/VCP or Tribal VAP/VCP)
- 16. State / Tribal Brownfield Sites 1/2 mile search distance. (State Brownfield Site or Tribal Brownfield Site)
- 17. MDNRE Baseline Environmental Assessment List Property and adjoining sites. (BEA)

These information sources were available unless otherwise noted above. The EDR report includes site maps indicating the location of these listed sites relative to the Property, and dates the lists were updated. The EDR report is included in Appendix D.

A summary of those sites of concern, listed in the EDR report, that were determined by SME to be suspect RECs is presented in the table included in this subsection. Unmapped sites, as identified by EDR, are sites, which for various reasons cannot be mapped through the EDR query system. Where possible, SME attempted to locate the reported unmapped sites. Unmapped sites determined by SME to be within the applicable approximate minimum search distance(s) and to be suspect RECs are also included in the table. Based on distance from the Property, local groundwater conditions and topography, and/or the status of the site, in SME's opinion the remaining sites do not appear to represent suspect RECs in connection with the Property. In SME's opinion, it was not necessary to review records for the listed sites.



LISTED SITES OF CONCERN (SUSPECT RECS)

Site Name and Address	Approximate Distance and Direction from Property ¹	Name of List ²
Trailer Queen, Inc	350 feet south	State Closed LUST
30000 Southfield Road		State Registered UST

¹EDR sites are mapped by address. Distances and/or site directions listed above may be adjusted from those reported by EDR to better represent field conditions and potential site boundaries.

²Definitions of acronyms and lists are presented above and in the EDR report.

Trailer Queen, Inc. was listed as a State Closed LUST and State Registered UST site and is located approximately 350 feet south of the Property. Based on SME's review of the EDR report, one 1,000-gallon UST that held kerosene was "closed in ground" on July 23, 1990 and another 500-gallon UST that held gasoline was "removed from ground" on May 4, 1992. A gasoline release was reported on May 6, 1992 and was closed on September 29, 1995. According to the EDR report, this site is located at an equal or higher elevation than the Property. Due to the proximity to the Property, direction of this site from the Property, and the fact that one of the USTs was closed in place and may still be present on the site, in SME's opinion, the site represents a suspect REC in connection with the Property.

5.2 Additional Environmental Record Sources

5.2.1 County Environmental Health Department

On September 3, 2010, SME contacted the Oakland County Environmental Health Department via facsimile and requested all available information pertaining to environmental concerns associated with the Property and surrounding area, including information on septic systems and water wells, if any, located on the Property.

Mr. Richard C. Peresky, Senior Public Health Sanitarian indicated no records were available for the Property.

5.2.2 Fire Department

On September 3, 2010, SME contacted the City of Southfield Fire Prevention Bureau via telephone and requested all available records associated with the Property and surrounding properties.

Ms. Tammy Alder, a representative with the City of Southfield Fire Prevention Bureau indicated no records were available for the Property.



5.2.3 MDNRE Geological Survey Division

SME queried the MDNRE-Geological Survey Division's (GSD) Oil and Gas Information System – Online Data Query for oil and gas permits/wells for the Property's township, range and section number.

According to the September 22, 2010 query results, no known oil and/or gas well permits were recorded for the Property section number.

5.2.4 Other Record Sources

No other record sources were contacted as part of this Phase I ESA.

5.3 Physical Setting Source (s)

5.3.1 USGS – Current 7.5 Minute Topographic Map

SME reviewed a United States Geological Survey (USGS) topographic map to evaluate the physical setting of the Property. According to the USGS 7.5 minute series Topographic Map Birmingham, Michigan, compiled in 1968 and photorevised in 1981, the Property was depicted as relatively flat at an elevation of approximately 720 feet to 730 feet above mean sea level (MSL). The Property was depicted with two structures that appeared to be houses situated in a residential area with commercial properties nearby. A stream and unnamed body of water were depicted about one-half mile west and north, respectively, from the Property. No other bodies of water were depicted within a one-mile radius of the Property.

5.3.2 Other Non-Practice Physical Setting Sources

SME completed a geotechnical assessment in August, 2005 of a site located approximately 900 feet south of the Property. The general soil profile on this site consisted of 2 to 12 feet of sand/clay fill. Natural sands were generally encountered underlying the fill and extended about 12 to 17 feet below the grade underlain by natural clay to the explored depth of 20 feet below grade. Groundwater was generally observed at about eight to twelve feet below grade. SME reviewed the United States Department of Agriculture (USDA) Natural Resources Conservation Service's (NRCS) Web Soil Survey to evaluate the surface soils in the vicinity of the Property. According to the Web Soil Survey, the uppermost undisturbed soils in the vicinity of the Property are primarily Spinks loamy sand, which is a well-drained sand and gravel mixture.



5.4 Historical Use Information on the Property

The objective of consulting historical record sources is to develop a history of the Property's previous uses from the present back to the obvious first developed use of the Property or back to 1940, whichever was earlier. As defined in the Practice, "developed use" includes agricultural uses and placement of fill. The information reviewed was from reasonably ascertainable standard sources, defined in the Practice as publicly available, obtainable from its source within reasonable time and cost constraints, and practicably reviewable.

Data failures encountered, as defined by the Practice, are described under each appropriate Practice historical source. The Practice requires review of only as many of the standard historical sources as are reasonably ascertainable and likely to be useful.

5.4.1 Standard Historical Sources

The sources reviewed to determine the historical uses of the Property and related environmental issues are summarized below. A summary of findings from these reviews is presented in section 5.4.2.

- Aerial Photographs: SME reviewed aerial photographs, obtained from EDR, dated 1937, 1940, 1949, 1955, 1961, 1967, 1972, 1980, 1993, 2000, and 2005.
- **Fire Insurance Maps:** According to EDR, no fire insurance maps for the Property were available.
- **Property Tax Files:** SME visited the City of Southfield Assessing Department and requested all available records pertaining to the Property. SME reviewed the provided records, which were comprised of tax assessment field sheets. In addition, SME reviewed available online Property information.
- Recorded Land Title Records: SME did not review land title records because information regarding the history of the Property was obtained from other historical sources identified herein. In addition, land title records typically provide information regarding ownership, but not use, of a property.
- **USGS Topographic Maps:** SME reviewed the USGS 7.5 minute series Topographic Map Birmingham, Michigan, compiled in 1968 and photorevised in 1981.
- Local Street Directories: SME reviewed local street directories for the years 1973, 1974, 1979, 1984, 1989, 1994, 1999, 2005, and 2010 at the Michigan State Library in Lansing, Michigan and Southfield Library (2010).
- Building Department Records: SME visited the Southfield City Building Department and requested all available records pertaining to the Property. SME



reviewed the provided records, which were comprised of building permits and a commercial & industrial field sheet.

- **Zoning/Land Use Records:** SME asked a building department representative of the Property's zoning ordinance. According to the building department representative, the Property was zoned OS: Office Service.
- Other Historical Sources: SME did not review other historical sources because sufficient information regarding the history of the Property was obtained from the aforementioned historical sources.

5.4.2 Historical Usage Summary

A summary of historical usage of the Property, back to 1937, the date of earliest readily available records as described above, is presented in the following table:

HISTORICAL USAGE SUMMARY

Year / Period	Identified / Inferred Use	Source (Date)
1937 – 1940	The aerial photos depicted one barn-like structure located on the northwest portion of the Property. The remaining areas were developed with grass and a dirt access drive along north of the structure. The Property's use was not known during this time.	Aerial Photographs (1937 and 1940)
1949	The aerial photo depicted one barn-like structure located on the northwest portion of the Property. The remaining areas were developed with grass, trees, and dirt access drives north and east of the structure. The Property's use was not known.	Aerial Photograph
1955	The aerial photograph depicted two house-like structures on the central portion of the Property. The eastern portion of the Property was developed with grass and trees. The remaining areas appeared to be exposed soil/disturbed earth. The Property's use was likely residential.	Aerial Photograph
1961	The aerial photograph depicted two house-like structures on the central portion of the Property. The remaining areas were developed with dirt access drives, grass, and trees. The Property's use was likely residential.	Aerial Photograph



Year / Period	Identified / Inferred Use	Source (Date)
1967 - 1972	The topographic map indicated two structures were situated on the central portion of the Property.	Topographic Map (1968)
	Based on the aerial photographs, the two house-like structures were located on the central portion of the Property. The remaining areas were developed with paved access drives, grass, trees, and exposed soil. The Property's use was likely residential.	Aerial Photographs (1967 and 1972)
1973 - 2010	A three-story building was built on the Property.	Tax Assessing Info
	Property was developed with one structure in the central portion and associated paved parking and landscape areas. A road was depicted along the northern portion of the Property.	Aerial Photographs (1980, 1993, 2000, and 2005) Local Street
	No listing was available for the Property in 1973.	Directories (1973,
	Multiple commercial tenants were listed under the Property address between 1974 and 2010.	1974, 1979, 1984, 1989, 1994, 1999, 2005, and 2010)

Based on SME's review of historical information, it appeared that between 1937 and 1940 the Property was grass-covered land and developed with a barn-like structure located on the northwestern portion of the Property with a dirt access road located north of the structure.

By 1949, trees were depicted and an additional dirt access road was located east of the barn-like structure on the Property; the use of the barn-like structure is not known. The barn-like structure was razed sometime between 1949 and 1955.

By 1955 two house-like structures were present on the central portion of the Property. The eastern portion of the Property was developed with grass and trees, while the remaining portion of the Property appeared to be exposed soil and/or disturbed earth.

By 1961, dirt access drives were present to the north and between the two structures. The remaining portions of the Property were developed with grass and trees.

Between 1967 and 1972, a paved access drive was located north of the structures and the dirt access drive between the two structures was no longer apparent in the 1967 aerial photo. In addition, the trees located on the southeastern portion of the Property in the 1961 aerial photograph were razed and revealed exposed soil and/or disturbed earth on the 1967 and 1972 aerial photographs.



Between 1973 and the time of SME's Property reconnaissance, the Property was developed with the existing commercial office building and associated paved parking, drives, and landscaped areas. The building has been occupied by various commercial tenants since 1974. Based on local street directories, the types of business conducted in the building included accounting, psychiatric therapy, and other commercial office uses. GM Caruana Manufacturers and Leon Chemical & Plastic were listed as tenants in 1979; Dominion Auto Inc. was listed in 1989; and Master Cleaner was listed in 2010. SME attempted to obtain information relating to these businesses through a Google search and through interviews with the owner's representative, Mr. Brian Salliotte of Dietz Property Group. Other than for Master Cleaner, no information was available regarding these businesses through the Google search. This represents a data gap and is discussed in Section 8. According to Google search engine, Master Cleaner was listed as a dry cleaner located at 30161 Southfield Road, Suite 206, Southfield, MI 48076. We contacted Mr. Brian Salliotte of Dietz Property Group and asked whether he had information about Master Cleaner. According to Mr. Salliotte, Master Cleaner is not a dry cleaner; rather they are a janitorial company. Master Cleaner's corporate offices were located in Suite 206 of the Property building. According to Mr. Salliotte, operations on the Property by Master Cleaner did not involve storage or use of cleaners or other chemicals. Mr. Salliotte also indicated that to his knowledge, GM Caruana Manufacturers, Leon Chemical and Plastic and Dominion Auto used the building on the Property as office space and that no manufacturing or storage and use of chemicals was associated with these tenants. Based on SME's observations during the walkover, the building is configured for office use and no garages, high-bay or manufacturing areas were noted on the Property.

The heating source for the former residential structures on the Property is unknown. However, no information was obtained during this Phase I ESA to suggest the former use of heating oil stored in underground storage tanks.

The former houses on the Property were razed by 1973. Therefore, the potential impact onto the Property from lead based paint and other unknown hazardous building constituents during the demolition and redevelopment stages of the Property were identified as suspect RECs in connection with the Property.

It is possible that fill soils were used to raise grades or fill in possible basements of the former houses on the Property. Fill soils of unknown origin during this time period have been known to contain high concentrations of heavy metals (i.e., foundry sand) and can potentially impact the Property. Therefore, SME identified the fill soils on the Property as a suspect REC in connection with the Property.



The use of the structure located on the northwest portion of the Property between 1937 and 1949 was not identified and the operations of the tenants listed earlier in this section, with the exception of Master Cleaner, could not be determined. This represents a data gap that is discussed in Section 8.

The historical research reported above was sufficient to develop a history of the previous uses of the Property in order to help identify the likelihood of past uses having resulted in the creation of RECs in connection with the Property.

5.5 Historical Use Information on the Adjoining Sites

An attempt was made to assess the historical uses of adjoining sites by reviewing records referenced in Section 5.4. A summary of adjoining sites of concern (suspect RECs), as identified only to the extent that this information was revealed in the course of researching the Property itself, is presented in the table below:

Year / Period	Identified / Inferred Use (Relationship to Property)	Source (Date)
1937-1940	South adjoining site appeared to be an operating orchard.	Aerial Photographs (1937 and 1940)

Between 1937 and 1940, the south adjoining site appeared to be an operating orchard. Since then, residential developments have occupied the site. Based on the likely repeated use of pesticides, the potential for impact to the Property due to over-sprayed pesticides represents a suspect REC in connection with the Property.



6.0 SITE RECONNAISSANCE

The site reconnaissance was conducted to identify evidence of the presence of suspect RECs in connection with the Property. Descriptions of the current Property use and conditions, including the use, storage, and/or treatment of hazardous substances and/or petroleum products and the generation, storage/accumulation, and/or disposal of chemical, petroleum or other contaminated wastes are presented in the following sections.

6.1 Methodology and Limitations

On September 8, 2010, Mr. Johnny B. Phanthala, E.I.T. of SME conducted a reconnaissance of the Property and observed Property conditions and features in an effort to identify RECs in connection with the Property. SME was accompanied by Mr. Patrick Wauters, Maintenance Technician with Dietz Property Group, during the interior building reconnaissance and was unaccompanied during the exterior Property reconnaissance. SME observed the Property exterior, boundaries, and the building interior. Photographs taken during the reconnaissance, which illustrate observed Property conditions and surrounding areas, are contained in Appendix B. Limitations encountered during the reconnaissance included the inaccessible area between the timber retaining wall and the building's north and south side. This limitation is discussed in Section 8.0.

6.2 General Property Setting

The central portion of the Property was developed with a three-story multi-tenant commercial office building. The remaining portions of the Property were developed with asphalt parking areas or landscaped areas. The Property was adjoined by residential properties to the south, apartments buildings adjoined to the west, and commercial properties adjoined to the north and east.

6.3 Exterior Observations

The building was located on the central portion of the Property. The Property included South Drive, a paved road along the northern portion of the Property. The north and south entrances to the building were only accessible through raised concrete walkways from the lower parking lot. A pad mounted transformer and utility box were located between the timber retaining wall and the building's south side. SME observed no stains around the transformer. Paved parking lots occupied the north, south, and west portions of the Property. Access drives entered the Property from South Drive and Southfield Road. During the Property reconnaissance,



SME observed no evidence of stained soils or pavements, or areas of stressed vegetation. In addition, SME observed no evidence of septic systems or water supply wells on the Property.

6.3.1 Chemical Use and Storage

SME observed no exterior use and/or storage of chemicals.

6.3.2 USTs/ASTs

SME observed no exterior evidence of USTs or ASTs.

6.3.3 PCB Containing Equipment

One pad-mounted transformer was located on the south side of the building. SME could not safely access this area from the parking lot due to the retaining wall. However, we observed the area around the transformer from the parking lot elevation and no evidence of a release was apparent from our observation point. Therefore, in SME's opinion, the transformer did not represent a suspect REC in connection with the Property.

6.3.4 Pits, Ponds, and Lagoons

SME observed no visual evidence of pits, ponds, or lagoons.

6.3.5 Waste Generation, Treatment, Storage, and Disposal

SME observed no exterior visual evidence of the generation, treatment, storage, or disposal of liquid or solid wastes.

6.3.6 Other Exterior Features

SME observed catch basins in the parking lot area and along South Drive. No other exterior features indicative of suspect RECs were observed.

6.4 Interior Observations

The building consisted of two stories plus a garden level totaling approximately 36,850 square feet. The building was constructed of concrete block and wood frame with brick veneered walls on concrete floor slab. The second and third level floors consisted of precast concrete planks. The building included an east and west corridor of multiple office spaces, some vacant others occupied. Restrooms, electrical/communication rooms, and an elevator were located in the center of the building. The restroom areas included janitorial closets, electrical panel rooms, and a room for the elevator hydraulic machine on the first level. Some uses of the occupied offices within the building included storage and general office uses. At the time of SME's reconnaissance, various tenants ranging from attorneys to insurance sales occupied the building.



Many offices were vacant. The building's tenant list was provided to SME by Mr. Jared Gell with Agree Realty Corporation and is attached in Appendix-C of the report.

6.4.1 Chemical Use and Storage

SME observed two 5-gallon containers of paint in the men's restroom area on the third level, one 5-gallon container of paint in the communication room on the third level and approximately 15 to 20 containers (one quart to one gallon in size) of the following chemicals stored in the janitorial closets and offices: cleaners, soaps, and air fresheners. We also observed what appeared to be a half-full five-gallon container of hydraulic fluid near the elevator's hydraulic machine located in the lower level men's restroom area. No staining around the container of hydraulic fluid or the elevator's hydraulic machine was evident. Therefore, in SME's opinion, the chemical storage in the building was *de minimis* and did not represent a suspect REC in connection with the Property.

6.4.2 USTs/ASTs

SME observed a natural gas water heater in the electrical room located in the lower level men's restroom area.

6.4.3 PCB Containing Equipment

SME observed no visual evidence of PCB containing equipment in the building.

6.4.4 Drains and Sumps

SME observed floor drains in the restrooms and the janitorial closets in the building. The floor drains were connected to the municipal sanitary sewer. SME also observed a sump in the southeastern-most room on the lower level of the building.

6.4.5 Waste Generation, Treatment, Storage, and Disposal

SME observed no visual evidence of the generation, treatment, storage, or disposal of liquid or solid wastes, in the building.

6.4.6 Heating/Cooling

The building on the Property used a natural gas fueled heating and central air conditioning system.

6.4.7 Other Interior Features

SME observed no visual evidence of other features indicative of suspect RECs in the building.



6.5 Adjoining Sites Observations

SME observed adjoining sites from the Property boundaries and public right-of-ways for evidence of RECs. The reconnaissance did not include physically accessing the adjoining sites; therefore, SME was unable to view all portions of adjoining sites.

Cracker Barrel Liquor adjoined the Property to the north. Balmoral Condominiums adjoined the Property to the northeast across Southfield Road. A strip mall occupied by Starbucks, Ziggy's, Jet Pizza, T-Mobile, and Hear USA adjoined the Property to the east across Southfield Road. Comfort Dental adjoined the Property to the southeast. Residential properties adjoined the Property to the south. Cranbrook Centre Apartments adjoined the Property to the west. No suspect RECs were observed on the adjoining sites.



7.0 INTERVIEWS

As part of the conduct of this Phase I ESA, SME interviewed the following pertinent individuals other than the User of this report:

- Current Property owner (or representative) Mr. Brian R. Salliotte, Director of Commercial Management
- State and/or local government officials Ms. Tammy Alder, representative with City of Southfield Fire Prevention Bureau

7.1 Interviews with Owner/Site Manager/Occupant

A copy of SME's Property Owner/Occupant Questionnaire provided to Mr. Brian Salliotte, Director of Commercial Management is included in Appendix E. The Owner/Occupant Questionnaire was the primary source of interview information for this Phase I ESA. SME identified no RECs based on review of the Owner/Occupant Questionnaire.

In addition, SME interviewed the owner by the Owner/Occupant Questionnaire, seeking the following information:

- Whether the owner knew of existence of environmental reports and permits; UST, AST, and underground injection system registrations; material safety data sheets; community right-to-know plans; safety and spill prevention plans; hydrogeologic reports; notices of past or current violations of environmental laws; hazardous waste generator notices or reports; geotechnical studies; risk assessments; and, recorded activity and use limitations.
- If the owner had knowledge regarding historical use, occupants, and operations.
- Whether the owner knew of any pending, threatened, or past litigation and/or administrative proceedings; or governmental notices regarding any possible violation of environmental laws or possible liability related to hazardous substances or petroleum products in, on, or from the Property.

Mr. Salliotte had no knowledge related to the above issues.

7.2 Interviews with Local Government Officials

SME interviewed Ms. Tammy Alder, a representative with the City of Southfield Fire Prevention Bureau and requested all available information maintained by the department pertaining to environmental concerns associated with the Property and surrounding area. Ms. Alder indicated she was not aware of environmentally related incidents having occurred on the Property.



Phase I Environmental Site Assessment Report 30161 Southfield Road, Southfield, Michigan

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7.3 Interviews with Others

No other interviews were performed as part of this Phase I ESA.



8.0 FINDINGS AND OPINIONS

SME has completed a Phase I ESA of the Property located at 30161 Southfield Road in Southfield, Oakland County, Michigan. At the time of SME's reconnaissance, the Property was developed with a commercial office building with paved parking and landscaped areas including South Drive along the northern portion of the Property. Data failures, data gaps, and limitations identified during this Phase I ESA are discussed below.

Based on the results of the Phase I ESA, in SME's opinion, the following suspect RECs were identified in connection with the Property:

- Former houses were present on the Property, and were razed by 1973 (Section 5.4.1). The potential impact on the Property from lead based paint and other unknown hazardous building constituents during the demolition and redevelopment stages of the Property are considered RECs in connection with the Property.
- Fill soils may have been used to raise grades or fill in possible basements of the former houses on the Property (Section 5.4.1). Fill soils of unknown origin during this time period have been known to contain high concentrations of heavy metals (i.e., foundry sand) and can potentially impact the Property. Therefore, SME identified the fill soils on the Property as a REC in connection with the Property.
- The south adjoining site was historically used as an orchard (Section 5.5). Based on likely repeated use of pesticides and the potential for overspray of pesticides onto the Property, the potential for impact from the south-adjoining site represents a suspect REC in connection with the Property.
- The Trailer Queen LUST and UST site at 30000 Southfield Road located approximately 350 feet south of the Property (Section 5.1). Based on SME's review of the EDR report, one 1,000-gallon UST that held kerosene was "closed in ground" on July 23, 1990 and another 500-gallon UST that held gasoline was "removed from ground" on May 4, 1992. A gasoline release was reported on May 6, 1992 and was closed on September 29, 1995. According to the EDR report, this site is located at an equal or higher elevation than the Property. In SME's opinion, the potential impact to the Property from the LUST and UST site appears remote. No monitoring wells were observed to indicate any potential groundwater impact had been delineated in the direction of the Property. Studies by the USEPA indicate that gasoline plumes typically do not extend more than 300 feet from the point of release but this can vary depending on soil type. The LUST and



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UST site is 350 feet from the Property although the soils are sand which is more permeable than other soils. The current Property owner has not been requested to evaluate indoor air at the building as it relates to the nearby LUST and UST site. Therefore in SME's opinion, this site does not appear to represent a suspect REC in connection to the Property.

SME identified the unknown use of the Property prior to 1955, and the building's unidentified historical use by multiple tenants of the building since 1973 as data gaps. In SME's opinion, these data gaps impaired our ability to evaluate the potential for environmental impact related to past uses of the Property. A review of recorded land title records for the Property was not conducted, which represents a data gap. In SME's opinion, this data gap did not impair our ability to identify RECs in connection with the Property.

SME identified the inaccessible area between the timber retaining wall and the building's north and south side a limitation in connection with this Phase I ESA. In SME's opinion, this limitation did not impair our ability to identify RECs in connection with the Property.



9.0 CONCLUSIONS

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-05 of 30161 Southfield Road, in Southfield, Oakland County, Michigan, the Property. Any exceptions to, or deletions from, this practice are described in Section 2.4 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the Property except for the following:

- The potential impact on the Property from lead based paint and other unknown hazardous building constituents during the demolition and redevelopment stages of the Property (Section 5.4.1).
- The potential use of fill soils on the Property to raise grades or fill in possible basements of the former structures on the Property (Section 5.4.1).
- This historical use of the south adjoining site as an orchard (Section 5.5).

It is also SME's opinion the following data gaps impaired the identification of RECs in connection with the Property:

- Unidentified use of the Property prior to 1955, and
- The building's unidentified historical use by the multiple tenants of the building since 1973.

The User acquiring the Property is the sole party responsible for complying with AAI requirements for Landowner Liability Protection (LLP) under CERCLA as an Innocent Purchaser, Bona Fide Prospective Purchaser, or Contiguous Property Owner, as applicable. The completion of a Phase I ESA, with statement by an Environmental Professional (EP) that it is compliant with AAI and/or the ASTM E 1527-05 Practice, may not be sufficient to provide CERCLA LLP.

10.0 DEVIATIONS

No deviations occurred as part of this Phase I ESA.

11.0 ADDITIONAL SERVICES

No additional services were provided in conjunction with this Phase I ESA.



12.0 REFERENCES

ASTM International, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, November 1, 2005.



13.0 GENERAL COMMENTS

SME conducted this Phase I ESA to identify RECs in connection with the Property and to assess the relative significance of the identified RECs. The findings, opinions, conclusions, and recommendations presented in this report are based upon observations noted during the site visit, and information obtained during the performance of the scope of services on the dates indicated. In the process of obtaining the field and historical information in preparation of this report, procedures were followed that represent reasonable and accepted environmental practices and principles, in a manner consistent with that level of care and skill ordinarily exercised by members of these professions currently practicing under similar conditions. Records reviewed at various locations as identified within the text of this report, include only those records that were provided to SME by the referenced department on the date indicated. As such, the records provided to SME may not represent all records available at a given source. Appropriate inquiry was made into the past uses of the Property consistent with good commercial or customary practice. As is typical with Phase I ESAs, SME conducted no testing or subsurface evaluation for this assessment.

Due to unknown or latent conditions on the Property, or on adjacent or nearby properties, which may become evident in the future, SME does not represent the Property is free of contamination or hazardous waste material. It should also be noted the Property conditions may change over time. Should additional surface, subsurface, chemical, or other data become available after the date of issue of this report, the findings, conclusions and recommendations contained in this report may have to be modified. SME should be retained to review the new information and adjust our opinion and recommendations accordingly.

All reports, field data, field notes, laboratory test data, calculations, estimates and other documents prepared by SME as instruments of service are the property of SME. No parties other than those specifically identified in this report may rely upon SME's opinions, conclusions or reports unless SME has agreed to such reliance in writing. In any event, any reliance will be subject to the terms and conditions set forth in SME's General Conditions (01/09).



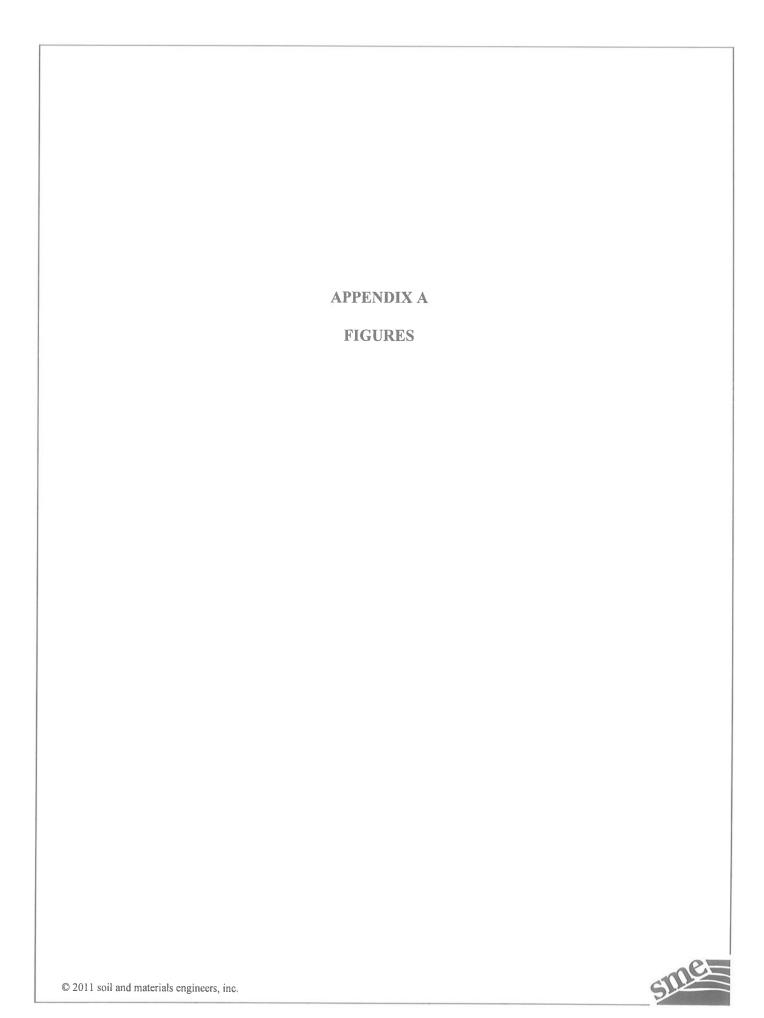
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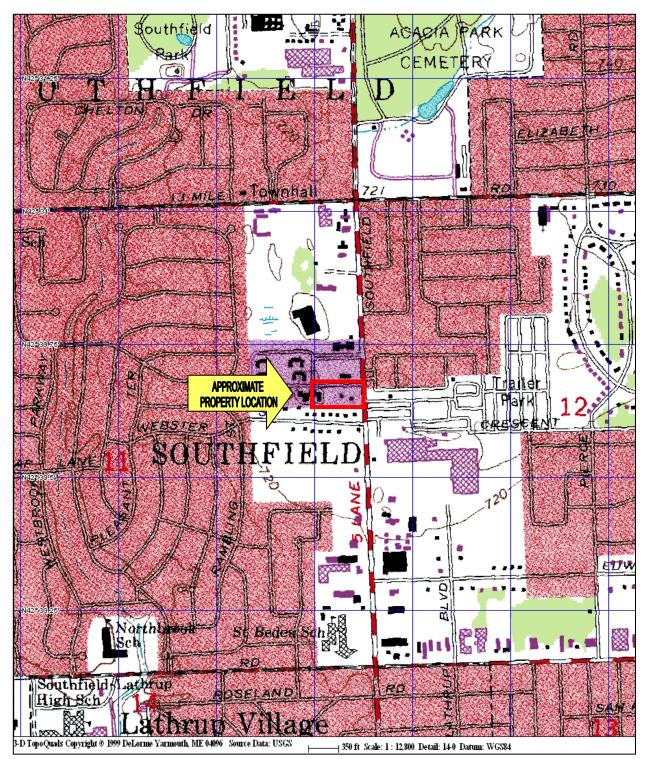
SIGNATURE(S) OF ENVIRONMENTAL PROFESSIONAL(S)

I declare that, to the best of my professional knowledge and belief. I meet the definition of *Environmental Professional* as defined in §312.10 of 40 CFR 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the Practices and practices set forth in 40 CFR Part 312.

Debra K. Osuch, REM







BIRMINGHAM QUADRANGLE (1981) OAKLAND COUNTY, MICHIGAN







4705 CLYDE PARK SW GRAND RAPIDS, MICHIGAN (616)406-1756 BAY CITY
GRAND RAPIDS
INDIANAPOLIS
KALAMAZOO
LANSING
PLYMOUTH
SHELBY
TOLEDO
TRAVERSE CITY

DATE: 9/13/10

DRAWN BY: KLL

SCALE: AS SHOWN

JOB: PE54232C-05

PROPERT LOCATION MAP

30161 Southfield Road Southfield, Michigan

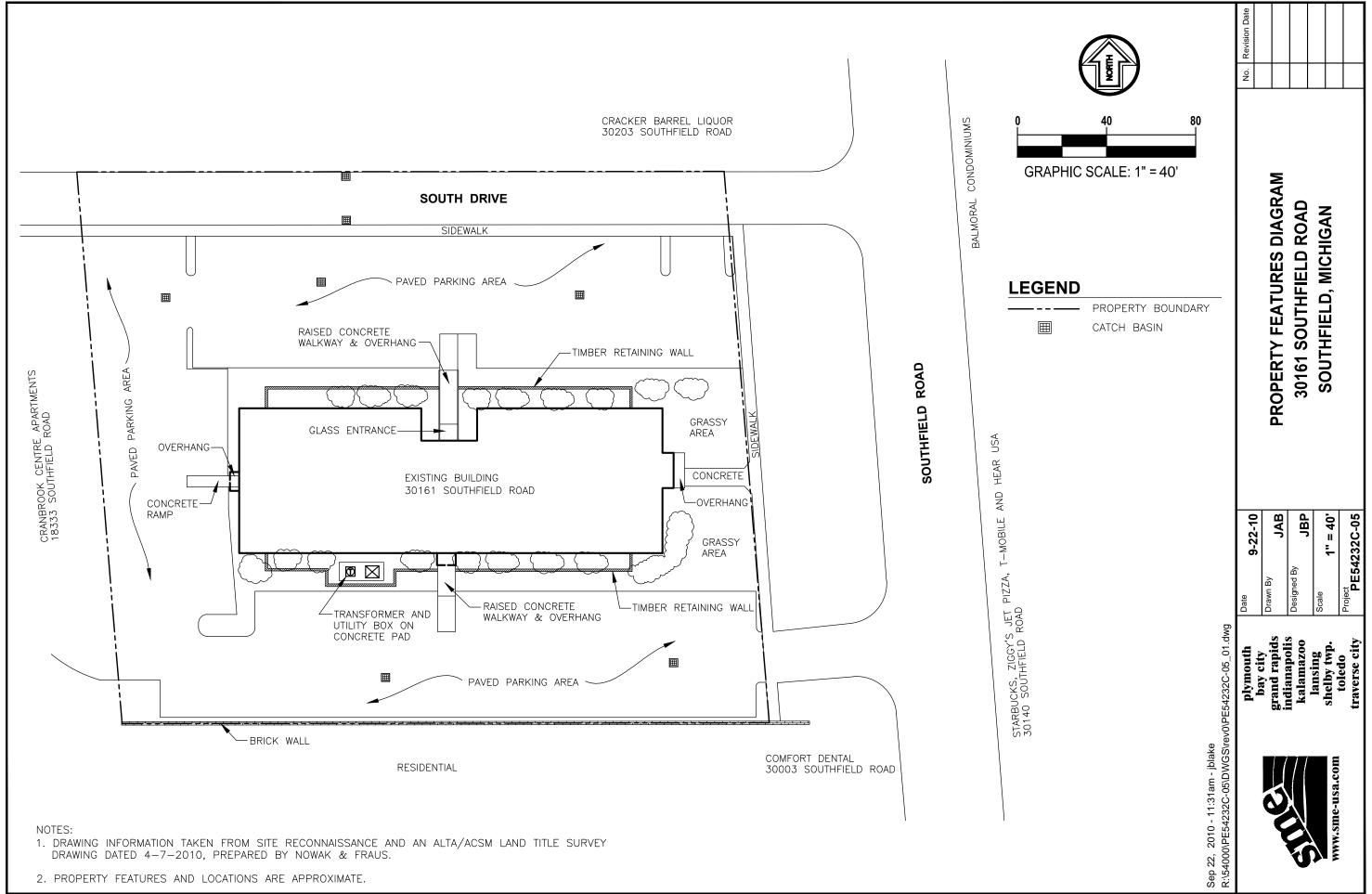


Figure No. 2





PHOTO NO. 1: East side of building on Property taken from Southfield Road facing west.



PHOTO NO. 2: West side of building on Property taken from west parking lot facing east.

Date: 9/8/10



PHOTO NO. 3: South side of building on Property taken from southwest parking lot area facing northeast.



PHOTO NO. 4: North side of building on Property taken from northeast corner of Property facing southwest.

Date: 9/8/10



PHOTO NO. 5: Transformer and utility box located between building and south lumber retaining wall.



PHOTO NO. 6: Cranbrook Centre Apartments (west adjoining site) facing northwest from southwest corner of Property.

Date: 9/8/10



PHOTO NO. 7: Cracker Barrel Liquor store (north adjoining site) looking across South Drive, from the northern portion of the Property.



PHOTO NO. 8: Balmoral Condominiums (northeast adjoining site) looking across Southfield Road, from the eastern portion of the Property.

Date: 9/8/10



PHOTO NO. 9: Starbucks, Ziggy's, Jet's Pizza, Hear U.S.A. and T-Mobile (east adjoining site) looking across Southfield Road, from the south lot of the Property.



PHOTO NO. 10: Comfort Dental and residential area behind brick wall (south adjoining site) taken from southern portion of the Property looking southeast.

Date: 9/8/10



PHOTO NO. 11: Office #120 on basement level.

Date: 9/8/10



PHOTO NO. 12: Sump pump in private room located on basement level.

Date: 9/8/10



PHOTO NO. 13: Container of elevator hydraulic oil located on basement level.

Date: 9/8/10



PHOTO NO. 14: Hydraulic elevator machine located in men's restroom on basement level.

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Photographs by: Johnny Phanthala

Date: 9/8/10



PHOTO NO. 15: Electrical room in men's restroom area on basement level.

Date: 9/8/10



PHOTO NO. 16: Communication and storage room located in foyer area on basement level.

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Photographs by: Johnny Phanthala

Date: 9/8/10



PHOTO NO. 17: Office #100 on basement level.



PHOTO NO. 18: Janitor's closet in men's restroom near main south entrance on main level.

SME Project No.: PE54232C-05

Photographs by: Johnny Phanthala

Date: 9/8/10



PHOTO NO. 19: Office #214 on main level.



PHOTO NO. 20: Office #219 on main level.

Date: 9/8/10



PHOTO NO. 21: Office #315 on upper level.



PHOTO NO. 22: Conference room #317 on upper level

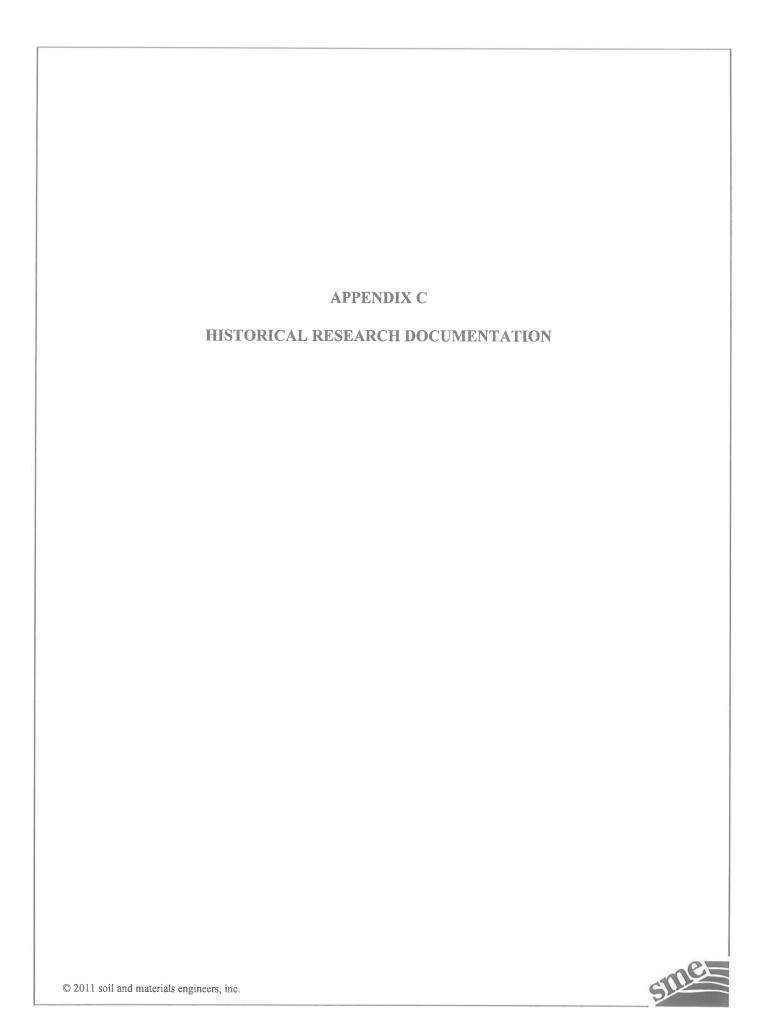
Date: 9/8/10



PHOTO NO. 23: Office #305 on upper level.

SME Project No.: Photographs by: Date: PE54232C-05 Johnny Phanthala

9/8/10



30161 Southfield Road

30161 Southfield Road Southfield, MI 48076

Inquiry Number: 2862015.4

September 08, 2010

The EDR Aerial Photo Decade Package



EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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with any questions or comments.

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Date EDR Searched Historical Sources:

Aerial Photography September 08, 2010

Target Property:

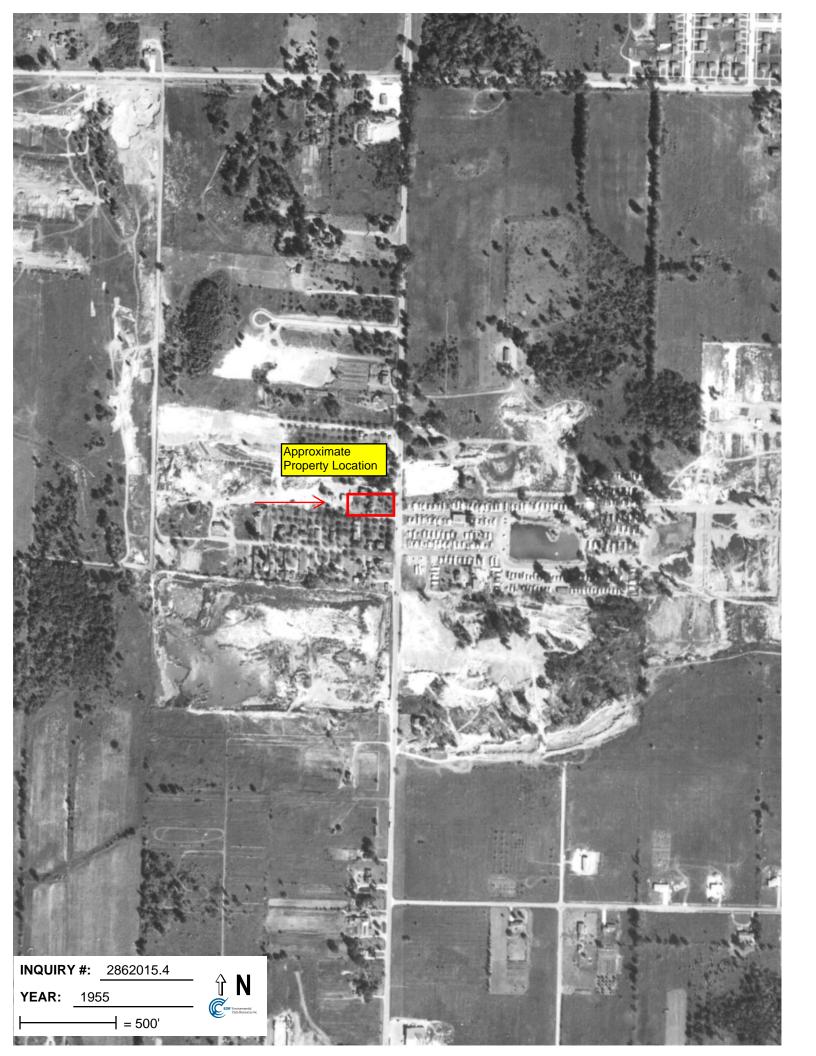
30161 Southfield Road Southfield, MI 48076

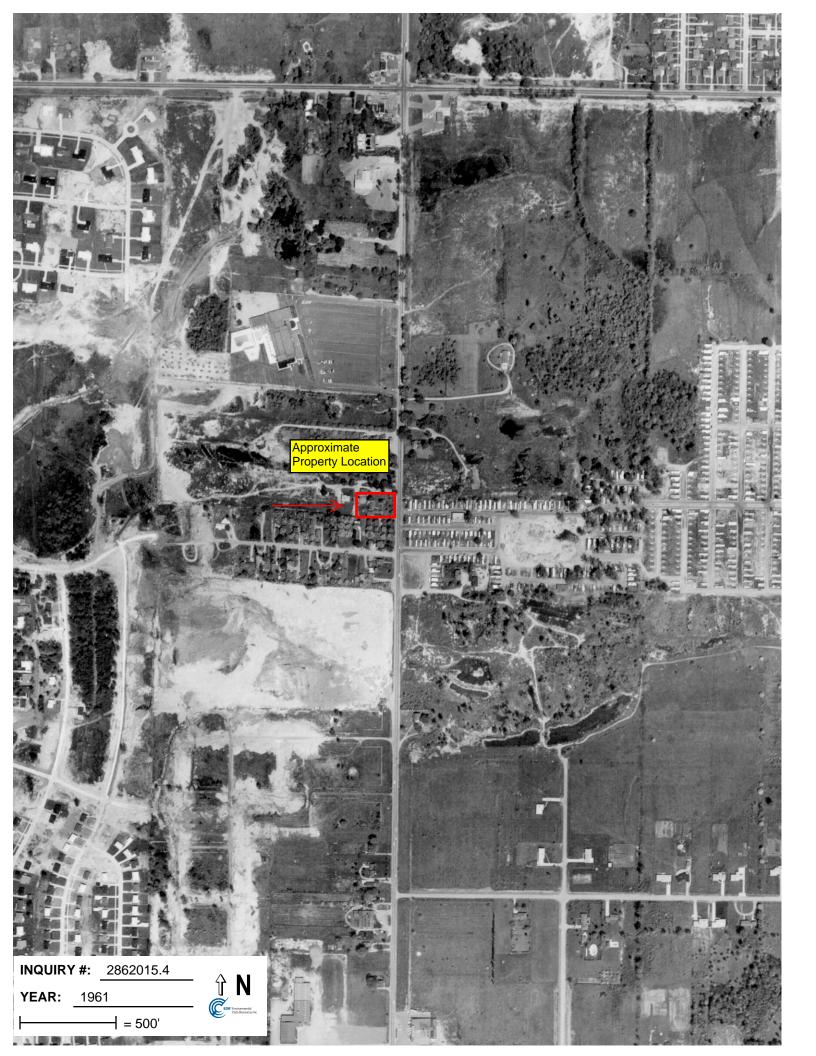
<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1937	Aerial Photograph. Scale: 1"=500'	Flight Year: 1937	AAA
1940	Aerial Photograph. Scale: 1"=500'	Flight Year: 1940	AAA
1949	Aerial Photograph. Scale: 1"=500'	Flight Year: 1949	Detroit Edison
1955	Aerial Photograph. Scale: 1"=500'	Flight Year: 1955	CSS
1961	Aerial Photograph. Scale: 1"=500'	Flight Year: 1961	Detroit Edison
1967	Aerial Photograph. Scale: 1"=500'	Flight Year: 1967	Detroit Edison
1972	Aerial Photograph. Scale: 1"=600'	Flight Year: 1972	ASCS
1980	Aerial Photograph. Scale: 1"=500'	Flight Year: 1980	SEMCOG
1993	Aerial Photograph. Scale: 1"=600'	Flight Year: 1993	NAPP
2000	Aerial Photograph. Scale: 1"=500'	Flight Year: 2000	SEMCOG
2005	Aerial Photograph. Scale: 1"=604'	Flight Year: 2005	EDR





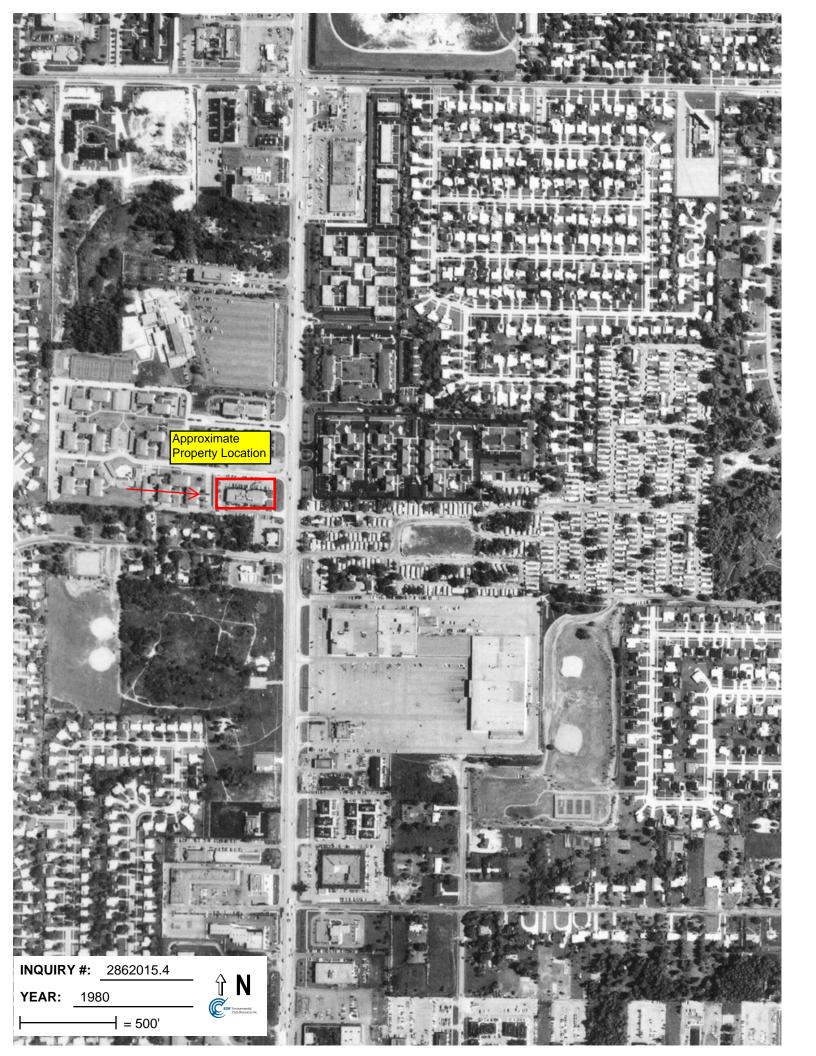


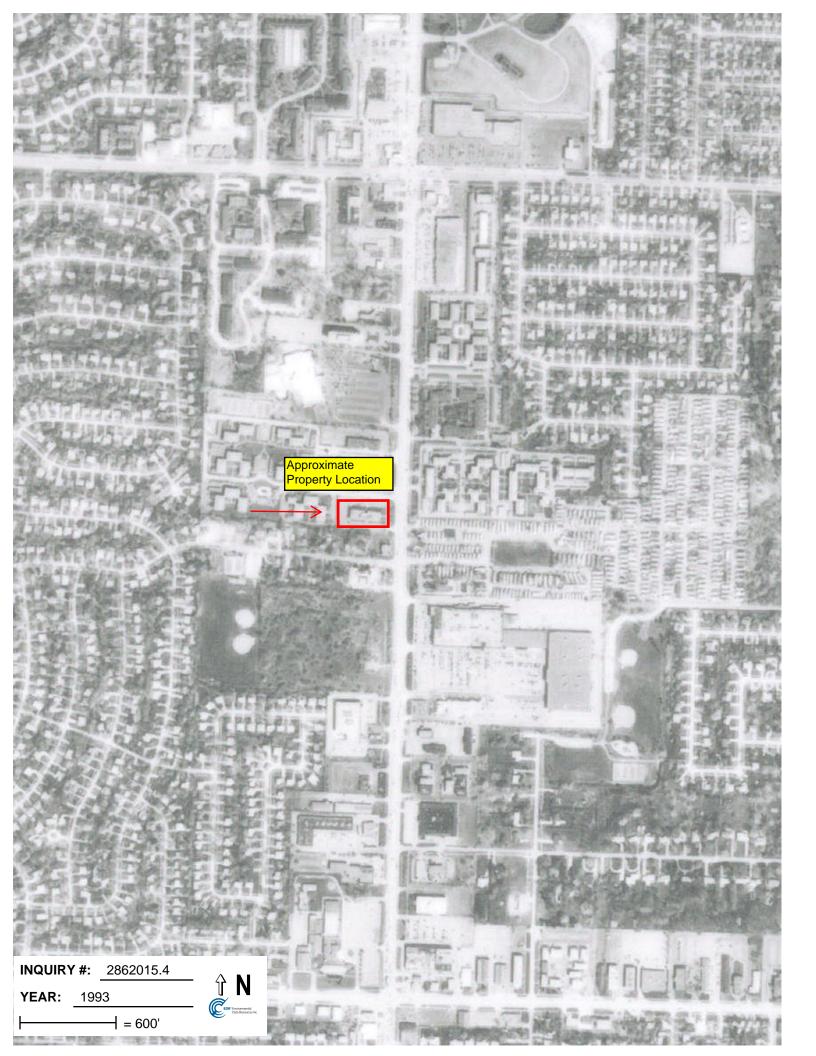
















028 1 Section of the sect

COMMERCIAL & INDUST	RIAL FIELD SHEET
Permit No. 4204 5/15/73 \$793,000	
Legal Description	Property Class OS
FRUIT RIDGE FARMS	Property Type Construct Office
Cu 18A-C 24-11-226-028	Year Built
Name and Address	Appraiser Date
K & Q LAND Ca,	Sq. Ft. Per Story
30161 SOUTHFIELD	No. of Stories Stavele to Hall of
CONSTRUCTION COMPONENTS	DETAILS
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Building Frame Concrete Field A Wood /	KILTIE
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Curbing 106 4F	
Parking Blocks	12.7
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Screen Wall	. 12
	(. / _
Miscellaneous	
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Parcel Number: 76-24-11-226-028	Juri	Jurisdiction: Unit '2	24 *	County		OAKLAND			Printed on	07/19/2000
Grantor	Gr	Grantee	Sale Price	Sale	Inst	Terms	of Sale	Liber	Verifie by	ed Prcnt Trans
Property Address		Class: BUSINESS	Z	Zoning: OS	Buil	Building Permit(s	it(s)	Date	Number	Amount
		School: Southfield	, G							
PARITES, CRANBROOK CIR LID		Hmstd 0%								
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		2001 Est TCV 1,842	2,450 (Value	le Overridde						
Legal Description—		X Improved	Vacant- L	Land Value Est	Estimates	for Neighb	ਰ	#B200.COMMERCIAL		
Tin, kiue, Sec ii Fruit Ridge Farms Sub Part of lot 17 & 18 DESC AS BEG AT SE OF LOT 18 TH N 85-57-16 W 361 FT TH N 100-09-30 W 247 63 FT TH S 85-57-16 F	S SUB AT SE COR TH N	Public Improvements		Description From SQ FT RATE 4.5	. Frontage D	epth FT	*Factors for* Frontage Depth 72184 SqFt	đj.	,	Value 324,828
360.28 FT TH 200000 W 247.63 FT TO BEG EXC E 69 FT TAKEN FOR RD 000	FT TO	Dirt Road Gravel Road	ľ			I.66 Total	Acres	Total Est.	Land Value =	324,828
Comments/Influences-			ΔŬ	Description Commercial/Industrial	strial	Local Cost		CountyMult.	Size %Good	Cash Value
		Sidewalk Water Sewer	O & C	Description ASPHALT PAVING/ SQFT	SQFT.			39140.0 99	&Arc	Cash Value 81,372
		Electric		'STI	SQ FT	00.8		860.0	100	6,811
		Curb Street Lights			Total	1 Estimated	ed Land Improvements	True	Cash Value =	88,498
		Standard Utilit Underground Uti	ties ils.							
		Topography of Site	Λ.							
		Level Rolling Low High Landscaped Swamp Wooded								
	\mathbb{V}_{i}	Pond Waterfront Ravine	Year	r Land Value	Bu	Building Value	Assessed Value	Board of Review	Tribunal/ Other	Taxable Value
		Wettand Flood Plain	2001	162,41	0	758,820	921,230			595,0300
		Mhon when	147ha+	162,410		758,820	921,230	921,230M		595,0300
The Equalizer. Copyright (c) 1999 Licensed to: City of Southfield, Oa	99 - 2000. Oakland		1999	601,710			601,710	601,710M		583,9400
/>			1998	88			583,050	583,050M		574,750C

RATIO . ADJUSTMENT NEW/LOSS 4/84/92 DATE ナートカラウルナ t BOURCE 727050 9-1 D-1 560 000 000 000 600 000 STATE TAX 539 250 652 900 10-196-1 720ne-eRU 756, 100 756/10 5-14-1 SALES PRICE 756100 8-34-1 801250 11-74 72×150 BR 600000 5-26555 Evergreen Ste. 615-1918 Southfield, MI 48076 853 600 741900 Cranbrook Center Limited C/O Amurcon Corporation EQUIV. 1,87600 801250 727050 756.100 600.000 150 489 050 241.900 729,750 729750 727050 489,058 CURB REMARKS Partnership100 144 . = 4/4 613,400 739 950 613400 PAVING CLASSIFICATION 616, 100 BUILDING 398,850 398,850 611,100 INITIALS A Fir ASSESSED VALUE CITY OF SOUTHFIELD - ASSESSORS DEPA 113650 12-2-80 13650 113650 113650 113650 90,200 113650 113 650 K-0-A LAND CO. 30233 Southfield Rd. Southfield, MI. 48076 90,200 113.650 TALKS LAND YEAR 89. FT. DEPTH FACTOR \$180,460 . TOTAL REABON FOR CHANGE/REMARKS 百 - WATER Deg. + 08-490 BASE VALUE 0 SEWER | SEPTIC APPRAISED VALUE: D BIRM. 2411-226-028 300 SOME OS RATE 3 cu 18A-C APP. IN SPS LOT SIZE Eduly. DATE TOTAL 1.65 Ac's. ADDRESS 30161 Southfield Road PART OF LOTS 17 & 18 DESC AS BEG AT SE COR OF LOT 18, TH N 85-57-16 W 361 FT., TH N 00-09-30 W 247.63 FT, TH S 85-57-16 E 360.28 FT, TH S 00-00-03 W 247.63 FT, TO BEG EXC E 69 FT TAKEN BUILDING TIN, RIOE, SEC. 11 FRUIT RIDGE FARMS SUB. Cranbrooke Centre 30161 Southfield TAX ROLL DESCRIPTION 19:04/20 227,379 LAND See Folder: 026/02 1989 6861 YEAR 278Kg 5 1697 1985 1881 1984 1361 6 83 40 也

5/23-12-850 88 Q 1-14-88 XX 57 X 12-18-86 De 63 Q 23-31- PRDC CITY OF SOUTHFIELD - ASSESSORS DEPARTMENT

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30161 Southfield Road

30161 Southfield Road Southfield, MI 48076

Inquiry Number: 2862015.3

September 03, 2010

Certified Sanborn® Map Report



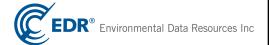
Certified Sanborn® Map Report

9/03/10

Site Name: Client Name:

30161 Southfield Road 30161 Southfield Road Southfield, MI 48076 Soil & Materials Engineers 2663 Eaton Rapids Road Lansing, MI 48911

EDR Inquiry # 2862015.3 Contact: Johnny Phanthala



The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Soil & Materials Engineers were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: 30161 Southfield Road Address: 30161 Southfield Road City, State, Zip: Southfield, MI 48076

Cross Street:

P.O. # NA

Project: PE54232C-05 **Certification #** 31B6-42F9-87B2

Santon)

Sanborn® Library search results Certification # 31B6-42F9-87B2

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

Library of Congress

✓ University Publications of America

▼ EDR Private Collection

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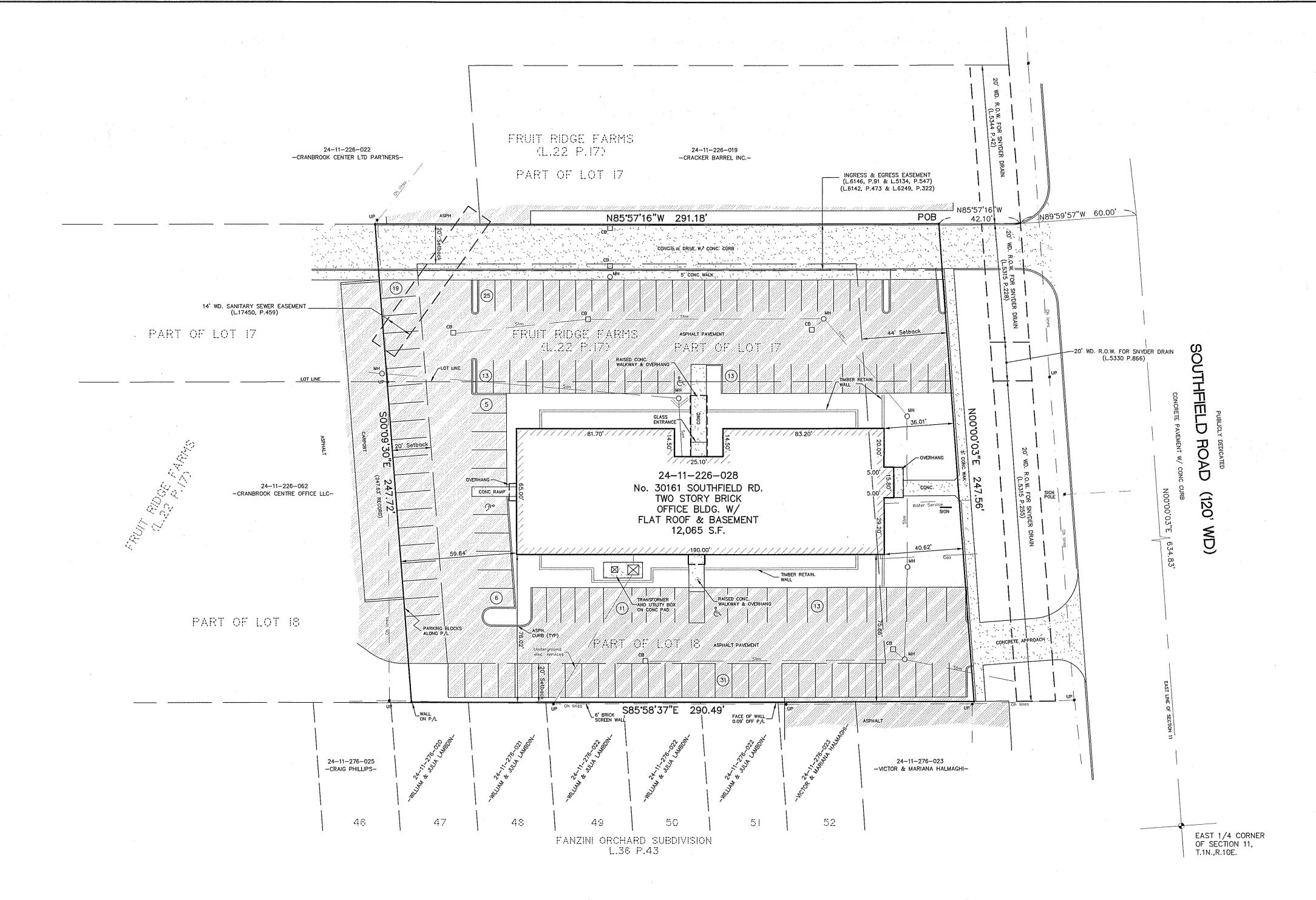
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LEGEND

ASPH = Asphalt CONC = Concrete = Catch Basin = Clean Out = Gate Valve = Man Hole HYD = Hydrant = Light Pole = Utility Pole

OH LINES = Overhead Lines = Physically Handicapped = Property Line = Right of Way = Sanitary Sewer STM = Storm Sewer = Water Main

= Landscape

= Center line All Utilities are underground unless otherwise noted.

LEGAL DESCRIPTION

Land in the City of Southfield, Oakland County, Michigan, is described as follows:

Part of the Northeast 1/4 of Section 11, Town 1 North, Range 10 East, Michigan, more particularly described as: Commencing at the East 1/4 corner of said Section; thence along the east line of said Section, North 00 degrees 00 minutes 03 seconds East, 634.83 feet; thence North 89 degrees 59 minutes 57 seconds West 60.00 feet; thence North 85 degrees 57 minutes 16 seconds West 42.10 feet to a point of beginning; thence North 85 degrees 57 minutes 16 seconds West, 291.18 feet; thence South 00 degrees 09 minutes 30 seconds East, 247.72 feet (247.63 feet, record) to a point on the South line of Lot 18, of Fruit Ridge Farms Subdivision, according the plat thereof recorded in liber 22, page 17 of Plats, Oakland County Records; thence along said South line South 85 degrees 58 minutes 37 seconds East, 290.49 feet; thence North 00 degrees 00 minutes 03 seconds East, 247.56 feet to a point of beginning, being part of Lots 17 and 18 of "Fruit Ridge Farms."

Tax I.D. #24-11-226-028

TITLE NOTES

All exceptions shown or noted on this survey were obtained from Title Commitment No. K11095, dated January 20, 2010 issued by the Liberty Title Commercial Agency LLC.

Easements, liens or encumbrances or claims thereof, which are not shown by the public record. Subject to the rights of the public or any governmental unit in any part of subject property taken, deeded or used for road, street or highway purposes.

Easement in favor of Cracker Barrel, Inc., as recorded in Liber 17450, Page 459, Oakland County Records. [said easement is plotted hereon]

Grant of Easements as recorded in Liber 6249, Page 322; Liber 6142 Page 473; Liber 6146, Page 91; and Liber 5134, Page 547, Oakland County Records. [said easements are plotted hereon] Right of Way in favor of Snyder Drain Drainage District, as recorded in Liber 5315, Page 255; Liber 5315, Page 228; Liber 5330, Page 866; and Liber 5344, Page 42 Oakland County Records. [said easements are plotted hereon]

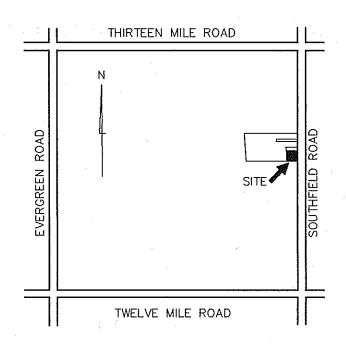
SURVEYOR'S CERTIFICATION

Agree Development, LLC Cranbrook Centre Office LLC Liberty Title Commercial Agency, LLC First American Title Insurance Company

This is to certify that this map or plat and the survey on which it is based were made in accordance with the "Minimum Standard Detail Requirements for ALTA/ACSM Land Title Surveys," jointly established and adopted by ALTA and NSPS in 2005, and includes items 2, 3, 4, 6, 7(a), 7(b1), 7(c), 8, 9, 10, 11(a) & 13 of Table A thereof. Pursuant to the Accuracy Standards as adopted by ALTA and NSPS and in effect on the date of this certification, undersigned further certifies that in my professional opinion, as a land surveyor registered in the State of Michigan, the Relative Positional Accuracy of this survey does not exceed that which is specified therein.

Kevin Navaroli, P.S. No. 53503 Dated: April 7, 2010





LOCATION MAP

SITE DATA

Site Containing: 71,839 S.F. or 1.65 Acres Zoned: OS Office Service Setbacks: Front= 44' (15% of lot depth) Sides= 20' (approx. bldg. ht.) Rear= 20' (approx. bldg. ht.) Setbacks are based on the current Zoning Ordinance for the City of Southfield. Parking= 136 spaces provided (including 3 handicap) 130 Spaces required (26,059 usable S.F.)

FLOOD HAZARD NOTE

This property is not within a flood hazard area as indicated by Flood Hazard Boundary Map 26125C0538F (Zone X) City of Southfield, Oakland County, Michigan, as prepared by the Department of Housing and Urban Development, Federal Insurance Administration, Effective date September 29, 2006.

Utility locations were obtained from municipal officials and records of utility companies, and no guarantee can be made to the completness or exactness of location.

	· ·
:	
04-07-2010	Revised Surveyor's Certification
12-02-1998	Rev. per Counsel
DATE	REVISIONS



Civil Engineers Land Surveyors

1310 N. Stephenson Highway

Tel. (248) 399-0886 Royal Oak, Michigan 48067-1508 Fax. (248) 399-0805

ALTA/ACSM LAND TITLE SURVEY

CRANBROOK OFFICE CENTRE CITY OF SOUTHFIELD, OAKLAND COUNTY, MICHIGAN

		·····
SCALE	DESIGNED	JOB NUMBER
1"=30	DRAWN	6-A735
ISSUE DATE	·	SHEET NUMBER
)-12-1998	APPROVED RJF	1 of 1

JAMES TOMARO ATTORNEY AT LAW 3080 ORCHARD LAKE ROAD SUITE M **KEEGO HARBOR, MICHIGAN 48320** 248 681 3626 FAX 248 681 0823 JTOMARO.ASPEN@gmail.com

Lowell Salesin

as descensed
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J. M. Torran

Aspen Mgt Group Inc

117 115 7 122 FIRST FLOOR SOUTH BUILDING

PAGE 1

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Aspen Mgt Group Inc

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PAGE 2

Ligure 200

Aspen Mgt Group Inc

THIRD FLOOR SOUTH BUILDING

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General Property Information

[Back to Non-Printer Friendly Version] [Send To Printer]

Unit:

Parcel: 76-24-11-226-028 Data Current As

Of: 11:00 PM 1/20/2010

Property Address

[collapse]

30161 SOUTHFIELD RD SOUTHFIELD, MI 48076

Owner Information

[collapse]

CRANBROOK CENTRE OFFICE LLC 38505 WOODWARD AVE STE 1300 BLOOMFIELD HILLS, MI 48304

Taxpayer Information

[collapse]

SEE OWNER INFORMATION

General Information for Tax Year 2009

[collapse]

Property Class:

School District: 250 - Southfield

Taxable Value: Map #

Assessed Value:

\$1,138,630 \$770,100

0.00 Ft.

0.00 Ft.

76

State Equalized Value: \$1,138,630

USER NUM IDX 0 Date of Last Name Chg: N/A

Date Filed:

Principal Residence Exemption

(2009 May 1):

0.0000 %

Principal Residence Exemption

(2009 Final):

0.0000 %

Principal Residence Exemption

(2010 May 1):

0.0000 %

Previous Year Info Final S.E.V. Final Taxable **MBOR Assessed** \$737,650 2008 \$1,167,480 \$1,167,480 2007 \$1,163,760 \$1,163,760 \$721,070

Land Information

[collapse]

Acreage: 1.66 Zoning Code: N/A Land Value: \$324,820

Mortgage Code: \$57,151

Frontage:

Depth:

Lot Dimensions/Comments:

Land Improvements: Renaissance Zone: NO **ECF Neighborhood Code:** 2540

Legal Information for 76-24-11-226-028

[collapse]

T1N,R10E,SEC 11 FRUIT RIDGE FARMS SUB PART OF LOT 17 & 18 DESC AS BEG AT SE COR OF LOT 18 TH N 85-57-16 W 361 FT TH N 00-09-30 W 247.63 FT TH S 85-57-16 E 360.28 FT TH S 00-00-03 W 247.63 FT TO BEG EXC E 69 FT TAKEN FOR RD 000

Sales Information

1 sale reco	ord(s) fou	nd.				
Sale Date	Sale Price	Instrument	Grantor	Grantee	Terms Of Sale	Liber/Page
12/31/2008	\$0.00	WD	CRANBROOK CENTER LIMITED PARTNERS	CRANBROOK CENTRE OFFICE LLC	BEW'N RELATED ENTITY	40808/269

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Building Information

Parcel: 76-24-11-226-028

[Back to Non-Printer Friendly Version] [Send To Printer]

Description ↑		Floor Area	Yr Built	Est. TC
Commercial/Industrial Building	1 - Office Building	36849 Sq. Ft.	1973	\$1,989,59
General Information				
Floor Area:	36849 Sq. Ft.	Estimated TCV:	\$1,989,	590
Occupancy:	Office Building	Class:	С	
Stories Above Ground: Basement Wall Height:	3 N/A	Average Story Height:	12	
Year Built:	1973	Year Remodeled:	0	
Percent Complete:	100%	Heat:	Package & Coolir	e Heating
Physical Percent Good:	51%	Functional Percent Good:	100%	
Economic Percent Good:	108%	Effective Age:	33 yrs.	

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Image/Sketch for Parcel: 76-24-11-226-028

[Back to Non-Printer Friendly Version] [Send To Printer]

Caption: Image #1



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Image/Sketch for Parcel: 76-24-11-226-028

[Back to Non-Printer Friendly Version] [Send To Printer]

Caption: Cranbrook Center Plaza



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Detailed Tax Information

[Back to Non-Printer Friendly Version] [Send To Printer]

Parcel: 76-24-11-226-028 Data Current As

Of: 8/4/2010 4:55:23 PM

Property Address

[collapse]

30161 SOUTHFIELD RD SOUTHFIELD, MI 48076

Owner Information

[collapse]

CRANBROOK CENTRE OFFICE LLC 38505 WOODWARD AVE STE 1300 BLOOMFIELD HILLS, MI 48304 Unit:

76

Taxpayer Information

[collapse]

SEE OWNER INFORMATION

Legal Information for 76-24-11-226-028

[collapse]

T1N,R10E,SEC 11 FRUIT RIDGE FARMS SUB PART OF LOT 17 & 18 DESC AS BEG AT SE COR OF LOT 18 TH N 85-57-16 W 361 FT TH N 00-09-30 W 247.63 FT TH S 85-57-16 E 360.28 FT TH S 00-00-03 W 247.63 FT TO BEG EXC E 69 FT TAKEN FOR RD 000

**Note: On March 1 at 00:00, local taxes become ineligible for payment at the local unit. The total due shown for prior year taxes is as of the annual settlement date with the County for that particular tax year and does not reflect any payments, fees, or interest accrual that may have occurred after the settlement date. For updated tax information, please check with the local County.

Use the +/- button to expand and collapse the Tax Detail Information	Use the +/-	button to	expand	and collar	se the T	Tax Detail	Information
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Year / Season	Total Amt	Total Paid	Last Paid	Total Due	
± 2010, Summer	\$30,845.82	\$0.00		\$30,845.82	
1 2009, Winter	\$10,519.61	\$0.00		\$10,519.61	**Read Note Above
± 2009, Summer	\$31,023.47	\$31,023.47	09/18/2009	\$0.00	
1 2008, Winter	\$9,295.73	\$9,295.73	12/17/2008	\$0.00	
± 2008, Summer	\$29,115.24	\$29,115.24	08/05/2008	\$0.00	
1 2007, Winter	\$9,630.68	\$9,630.68	12/27/2007	\$0.00	
± 2007, Summer	\$29,537.57	\$29,537.57	08/07/2007	\$0.00	
1 2006, Winter	\$10,720.34	\$10,720.34	12/15/2006	\$0.00	
± 2006, Summer	\$27,502.32	\$27,502.32	08/09/2006	\$0.00	
1 2005, Winter	\$11,259.04	\$11,259.04	12/15/2005	\$0.00	
± 2005, Summer	\$25,746.15	\$25,746.15	07/22/2005	\$0.00	
1 2004, Winter	\$11,988.78	\$11,988.78	01/24/2005	\$0.00	
± 2004, Summer	\$24,197.36	\$24,197.36	08/17/2004	\$0.00	
1 2003, Winter	\$11,949.54	\$11,949.54	01/15/2004	\$0.00	
± 2003, Summer	\$23,444.61	\$23,444.61	07/25/2003	\$0.00	

± 2002, Winter	\$13,704.01	\$13,704.01	12/31/2002	\$0.00	
± 2002, Summer	\$21,710.98	\$21,710.98	07/25/2002	\$0.00	
± 2001, Winter	\$13,954.67	\$0.00		\$13,954.67	**Read Note Above
± 2001, Summer	\$20,978.48	\$20,978.48	08/13/2001	\$0.00	
± 2000, Winter	\$12,264.49	\$12,264.49	12/18/2000	\$0.00	
± 2000, Summer	\$20,329.13	\$20,329.13	07/27/2000	\$0.00	
1999, Winter	\$12,303.67	\$12,303.67	12/31/1999	\$0.00	
1999, Summer	\$19,792.90	\$19,792.90	08/02/1999	\$0.00	
1998, Winter	\$12,183.10	\$12,183.10	01/14/1999	\$0.00	
1998, Summer	\$19,667.69	\$19,667.69	08/13/1998	\$0.00	

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30161 Southfield Road

30161 Southfield Road Southfield, MI 48076

Inquiry Number: 2862015.2s

September 03, 2010

The EDR Radius Map™ Report with GeoCheck®



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Thank you for your business.Please contact EDR at 1-800-352-0050 with any questions or comments.

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A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

30161 SOUTHFIELD ROAD SOUTHFIELD, MI 48076

COORDINATES

Latitude (North): 42.511100 - 42° 30' 40.0" Longitude (West): 83.223000 - 83° 13' 22.8"

Universal Tranverse Mercator: Zone 17 UTM X (Meters): 317367.8 UTM Y (Meters): 4708706.0

Elevation: 727 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 42083-E2 BIRMINGHAM, MI

Most Recent Revision: 1981

South Map: 42083-D2 ROYAL OAK, MI

Most Recent Revision: 1996

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 2006, 2005 Source: USDA

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Proposed NPL..... Proposed National Priority List Sites NPL LIENS Federal Superfund Liens Federal Delisted NPL site list Delisted NPL..... National Priority List Deletions Federal CERCLIS list CERCLIS....... Comprehensive Environmental Response, Compensation, and Liability Information System FEDERAL FACILITY....... Federal Facility Site Information listing Federal CERCLIS NFRAP site List CERC-NFRAP...... CERCLIS No Further Remedial Action Planned Federal RCRA CORRACTS facilities list CORRACTS...... Corrective Action Report Federal RCRA non-CORRACTS TSD facilities list RCRA-TSDF..... RCRA - Treatment, Storage and Disposal Federal RCRA generators list RCRA-LQG...... RCRA - Large Quantity Generators Federal institutional controls / engineering controls registries US ENG CONTROLS..... Engineering Controls Sites List US INST CONTROL..... Sites with Institutional Controls Federal ERNS list ERNS..... Emergency Response Notification System State- and tribal - equivalent CERCLIS SHWS..... Contaminated Sites State and tribal landfill and/or solid waste disposal site lists SWF/LF...... Solid Waste Facilities Database State and tribal leaking storage tank lists INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land State and tribal registered storage tank lists _____ Aboveground Tanks INDIAN UST..... Underground Storage Tanks on Indian Land FEMA UST..... Underground Storage Tank Listing State and tribal institutional control / engineering control registries AUL..... Engineering and Institutional Controls

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields and UST Site Database

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9...... Torres Martinez Reservation Illegal Dump Site Locations

ODI..... Open Dump Inventory

HIST LF..... Inactive Solid Waste Facilities

INDIAN ODI...... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs

DEL SHWS______ Delisted List of Contaminated Sites

CDL..... Clandestine Drug Lab Listing

US HIST CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

LUCIS.....Land Use Control Information System

LIENS....Lien List

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

SPILLS......Pollution Emergency Alerting System

Other Ascertainable Records

CONSENT...... Superfund (CERCLA) Consent Decrees

TRIS...... Toxic Chemical Release Inventory System

TSCA..... Toxic Substances Control Act

Act)/TSCA (Toxic Substances Control Act)

HIST FTTS...... FIFRA/TSCA Tracking System Administrative Case Listing

SSTS..... Section 7 Tracking Systems

ICIS...... Integrated Compliance Information System

FINDS______Facility Index System/Facility Registry System
RAATS_____RCRA Administrative Action Tracking System
UIC_____Underground Injection Wells Database

AIRS..... Permit and Emissions Inventory Data

INDIAN RESERV..... Indian Reservations

SCRD DRYCLEANERS...... State Coalition for Remediation of Drycleaners Listing

PCB TRANSFORMER...... PCB Transformer Registration Database

COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List

COAL ASH DOE..... Sleam-Electric Plan Operation Data

COAL ASH...... Coal Ash Disposal Sites

FINANCIAL ASSURANCE.... Financial Assurance Information Listing

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants EDR Historical Auto Stations... EDR Proprietary Historic Gas Stations EDR Historical Cleaners...... EDR Proprietary Historic Dry Cleaners

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in **bold italics** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 02/17/2010 has revealed that there is 1

RCRA-SQG site within approximately 0.25 miles of the target property.

Lower Elevation	vation Address		Map ID	Page
HOME DEPOT USA INC	29801 SOUTHFIELD RD	S 1/8 - 1/4 (0.165 mi.)	4	12

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 02/17/2010 has revealed that there is 1 RCRA-CESQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
TARGET CORPORATION	30333 SOUTHFIELD	N 0 - 1/8 (0.114 mi.)	3	10

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Quality's Leaking Underground Storage Tank (LUST) Database.

A review of the LUST list, as provided by EDR, and dated 05/21/2010 has revealed that there are 4 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
TRAILER QUEEN, INC Facility Status: Closed	30000 SOUTHFIELD RD	80000 SOUTHFIELD RD S 0 - 1/8 (0.066 mi.)		7	
Lower Elevation	Address	Direction / Distance	Map ID	Page	
AMERICAN WASH SYS SOUTHFIELD Facility Status: Closed	30705 SOUTHFIELD RD	N 1/4 - 1/2 (0.281 mi.)	6	16	
13 & SOUTHFIELD MOBIL Facility Status: Closed	30915 SOUTHFIELD RD	N 1/4 - 1/2 (0.375 mi.)	B8	18	
VILLAGE OF BEVERLY HILLS Facility Status: Closed Facility Status: Closed	18500 W 13 MILE RD	NW 1/4 - 1/2 (0.499 mi.)	10	20	

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Quality's Michigan UST database.

A review of the UST list, as provided by EDR, and dated 05/21/2010 has revealed that there is 1 UST

site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TRAILER QUEEN, INC	30000 SOUTHFIELD RD	S 0 - 1/8 (0.066 mi.)	A1	7

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

RCRA-NonGen: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA-NonGen list, as provided by EDR, and dated 02/17/2010 has revealed that there are 2 RCRA-NonGen sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
CENTEX HOMES	30000 SOUTHFIELD ROAD	S 0 - 1/8 (0.066 mi.)	A2	8	
THE PHOTO CENTER INC	29702D SOUTHFIELD RD	S 1/8 - 1/4 (0.227 mi.)	5	14	

BEA: Baseline Environmental Assessment.

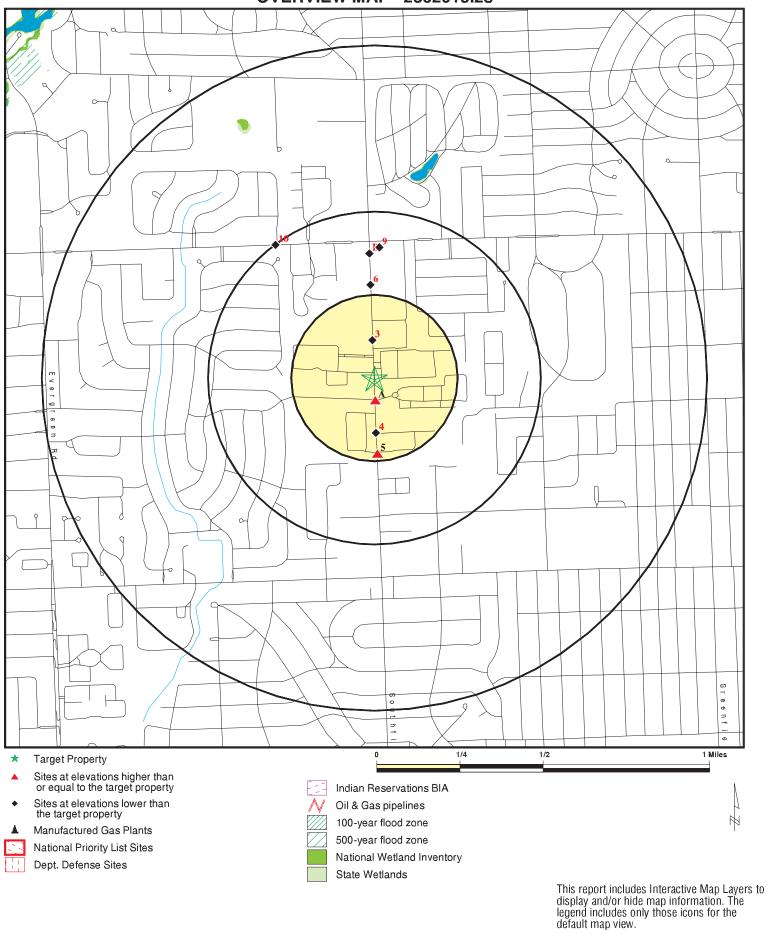
A review of the BEA list, as provided by EDR, and dated 05/27/2010 has revealed that there are 2 BEA sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page	
CVS PHARMACY 8021	30920 SOUTHFIELD ROAD	N 1/4 - 1/2 (0.374 mi.)	B7	18	
CVS PHARMACY 8021 (PROPOSED)	30920 SOUTHFIELD ROAD /	N 1/4 - 1/2 (0.393 mi.)	9	19	

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
STANLEY FONS	HIST LF
AMOCO SERVICE STATION NO 5699	LUST
CITY OF SOUTHFIELD	RCRA-NonGen
25700 WEST EIGHTMILE ROAD	ERNS
CITY OF SOUTHFIELD	FINDS
J.P. MORGAN CHASE	BEA
TRI-COUNTY PHYSICAL THERAPY (FORME	BEA
SOUTHFIELD DOWNS MOBILE HOME PARK	BEA
SOUTHFIELD DOWNS MOBILE HOME PARK	BEA
SPRING HAVEN VILLAS	BEA
SOUTHFIELD RETAIL CENTER, LLC	BEA
AGATTAS LANDFILL	DEL SHWS

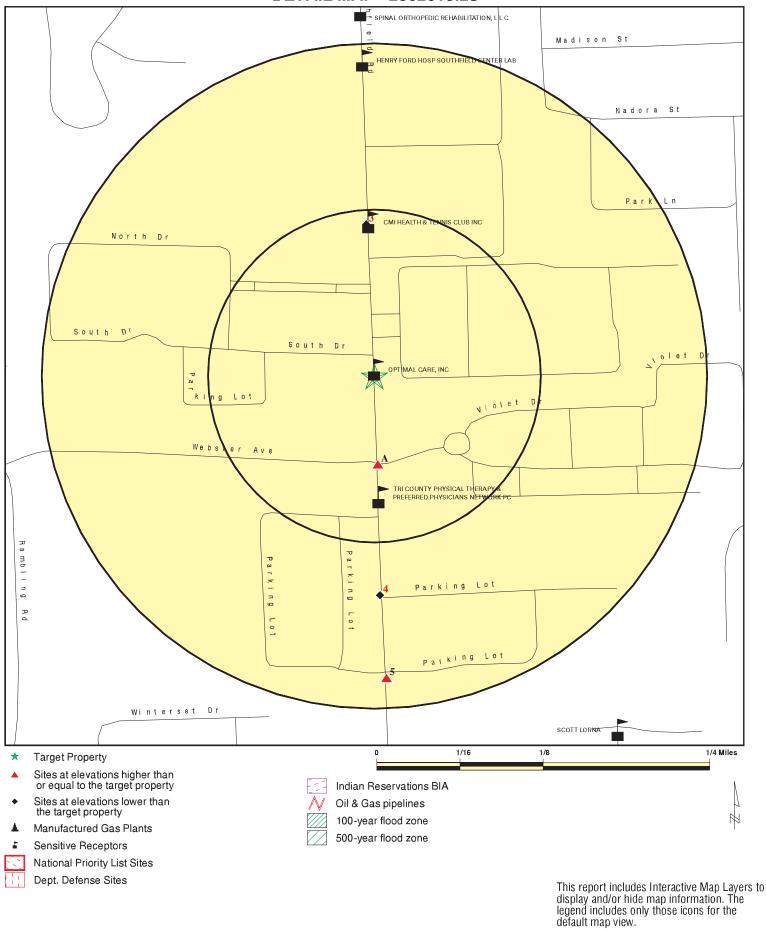
OVERVIEW MAP - 2862015.2s



SITE NAME: 30161 Southfield Road
ADDRESS: 30161 Southfield Road
Southfield MI 48076
LAT/LONG: 42.5111 / 83.2230

CLIENT: Soil & Materials Engineers
CONTACT: Johnny Phanthala
INQUIRY #: 2862015.2s
DATE: September 03, 2010 10:08 am

DETAIL MAP - 2862015.2s



SITE NAME: 30161 Southfield Road
ADDRESS: 30161 Southfield Road
Southfield MI 48076
LAT/LONG: 42.5111 / 83.2230

CLIENT: Soil & Materials Engineers
CONTACT: Johnny Phanthala
INQUIRY #: 2862015.2s
DATE: September 03, 2010 10:09 am

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENT	TAL RECORDS							
Federal NPL site list								
NPL Proposed NPL NPL LIENS		1.000 1.000 TP	0 0 NR	0 0 NR	0 0 NR	0 0 NR	NR NR NR	0 0 0
Federal Delisted NPL site	e list							
Delisted NPL		1.000	0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS FEDERAL FACILITY		0.500 1.000	0 0	0 0	0 0	NR 0	NR NR	0 0
Federal CERCLIS NFRAI	P site List							
CERC-NFRAP		0.500	0	0	0	NR	NR	0
Federal RCRA CORRAC	TS facilities lis	st						
CORRACTS		1.000	0	0	0	0	NR	0
Federal RCRA non-COR	RACTS TSD fa	acilities list						
RCRA-TSDF		0.500	0	0	0	NR	NR	0
Federal RCRA generator	s list							
RCRA-LQG RCRA-SQG RCRA-CESQG		0.250 0.250 0.250	0 0 1	0 1 0	NR NR NR	NR NR NR	NR NR NR	0 1 1
Federal institutional con engineering controls reg								
US ENG CONTROLS US INST CONTROL		0.500 0.500	0 0	0 0	0 0	NR NR	NR NR	0 0
Federal ERNS list								
ERNS		TP	NR	NR	NR	NR	NR	0
State- and tribal - equiva	lent CERCLIS	;						
SHWS		1.000	0	0	0	0	NR	0
State and tribal landfill a solid waste disposal site								
SWF/LF		0.500	0	0	0	NR	NR	0
State and tribal leaking s	storage tank li	ists						
LUST INDIAN LUST		0.500 0.500	1 0	0 0	3 0	NR NR	NR NR	4 0
State and tribal registere	ed storage tan	k lists						
UST	-	0.250	1	0	NR	NR	NR	1

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AST INDIAN UST FEMA UST		0.250 0.250 0.250	0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 0
State and tribal institutio control / engineering cor		s						
AUL		0.500	0	0	0	NR	NR	0
State and tribal voluntary	/ cleanup site	es						
INDIAN VCP		0.500	0	0	0	NR	NR	0
State and tribal Brownfie	lds sites							
BROWNFIELDS		0.500	0	0	0	NR	NR	0
ADDITIONAL ENVIRONMEN	TAL RECORDS	S						
		-						
Local Brownfield lists								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
Local Lists of Landfill / S Waste Disposal Sites	olid							
DEBRIS REGION 9 ODI HIST LF		0.500 0.500 0.500	0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0
INDIAN ODI		0.500	0	0	0	NR	NR	0
Local Lists of Hazardous Contaminated Sites	waste /							
US CDL		TP	NR	NR	NR	NR	NR	0
DEL SHWS CDL		1.000 TP	0 NR	0 NR	0 NR	0 NR	NR NR	0 0
US HIST CDL		TP	NR	NR	NR	NR	NR	Ö
Local Land Records								
LIENS 2		TP	NR	NR	NR	NR	NR	0
LUCIS LIENS		0.500 TP	0 NR	0 NR	0 NR	NR NR	NR NR	0 0
Records of Emergency R	Release Repo	rts						
HMIRS SPILLS	•	TP TP	NR NR	NR NR	NR NR	NR NR	NR NR	0 0
Other Ascertainable Rec	ords							
RCRA-NonGen DOT OPS DOD FUDS		0.250 TP 1.000 1.000	1 NR 0 0	1 NR 0 0	NR NR 0 0	NR NR 0 0	NR NR NR NR	2 0 0 0
CONSENT ROD UMTRA		1.000 1.000 0.500	0 0 0	0 0 0	0 0 0	0 0 NR	NR NR NR	0 0 0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MINES		0.250	0	0	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS SSTS		TP TP	NR NR	NR NR	NR NR	NR NR	NR NR	0
ICIS		TP	NR NR	NR NR	NR NR	NR NR	NR NR	0 0
PADS		TP	NR NR	NR NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	Õ
RAATS		TP	NR	NR	NR	NR	NR	Ö
UIC		TP	NR	NR	NR	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
NPDES		TP	NR	NR	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
BEA		0.500	0	0	2	NR	NR	2
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
PCB TRANSFORMER COAL ASH EPA		TP	NR 0	NR 0	NR 0	NR NR	NR NR	0 0
COAL ASH DOE		0.500 TP	NR	NR	NR	NR NR	NR NR	0
COAL ASH		0.500	0	0	0	NR	NR	0
FINANCIAL ASSURANCE		TP	NR	NR	NR	NR	NR	0
EDR PROPRIETARY RECOR	<u>DS</u>							-
EDR Proprietary Records	;							
Manufactured Gas Plants EDR Historical Auto Station EDR Historical Cleaners	าร	1.000 0.250 0.250	0 0 0	0 0 0	0 NR NR	0 NR NR	NR NR NR	0 0 0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID MAP FINDINGS

Direction Distance

Elevation Site Database(s) EPA ID Number

A1 TRAILER QUEEN, INC LUST U000262410
South 30000 SOUTHFIELD RD UST N/A

< 1/8 SOUTHFIELD, MI 48076

0.066 mi.

350 ft. Site 1 of 2 in cluster A

Relative: Equal

Actual:

727 ft.

LUST:

Facility ID: 00014446

Source: STATE OF MICHIGAN
Owner Name: Trailer Queen, Inc
Owner Address: 30000 Southfield Rd
Owner City, St, Zip: Southfield, MI 48076-1432

Owner Contact: Not reported
Owner Phone: (313) 644-8258

Country: USA

District: SE Michigan District Office
Site Name: Trailer Queen Trailer Park

Latitude: 42.5113740000 Longitude: -83.2228890000 Date of Collection: 01-11-2001

Method of Collection: Address Matching-House Number

Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Leak Number:C-0742-92Release Date:May 6 1992Substance Released:GasolineRelease Status:ClosedRelease Closed Date:Sep 29 1995

UST:

Facility ID: 00014446
Facility Type: CLOSED
Latitude: 42.5113740000
Longitude: -83.2228890000
Owner Name: Trailer Queen, Inc
Owner Address: 30000 Southfield Rd
Owner City, St, Zip: Southfield, MI 48076-1432

Owner Country: USA
Owner Contact: Not reported
Owner Phone: (313) 644-8258
Contact: LEBREN PATTERSON
Contact Phone: (313) 644-8358
Date of Collection: 01-11-2001

Date of Collection: 01-11-2
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83

Source: STATE OF MICHIGAN

Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Method of Collection: Address Matching-House Number

Tank ID:

Tank Status: Closed in Ground

Capacity: 1000 Install Date: May 15 1957 Product: Kerosene **EDR ID Number**

Map ID MAP FINDINGS

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

TRAILER QUEEN, INC (Continued)

U000262410

Remove Date: Jul 23 1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported

Constr Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID: 2

Tank Status: Removed from Ground

Capacity: 500 Install Date: May

Install Date: May 15 1982
Product: Gasoline
Remove Date: May 4 1992
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported

Piping Material: Cathodically Protected, Galvanized Steel

Piping Type: Pressure

Constr Material: Asphalt Coated or Bare Steel, Fiberglass Reinforced

plastic, Polyethylene Tank Jacket

Impressed Device: No

Tank ID: Phantom

Tank Status: Non-Registered Tank

Capacity: Not reported Install Date: Not reported Product: Unknown Remove Date: Not reported Tank Release Detection: Not reported Pipe Realease Detection: Not reported Piping Material: Not reported Piping Type: Not reported Constr Material: Not reported

Impressed Device: No

A2 CENTEX HOMES RCRA-NonGen 1009398931

South 30000 SOUTHFIELD ROAD < 1/8 SOUTHFIELD, MI 48076

0.066 mi.

350 ft. Site 2 of 2 in cluster A

Relative: RCRA-NonGen:

Equal Date form received by agency: 06/26/2007

Facility name: CENTEX HOMES

Actual: Facility address: 30000 SOUTHFIELD ROAD 727 ft. SOUTHFIELD, MI 48076

EPA ID: MIK272157611

Mailing address: 100 GALLERIA OFFICENTRE

SOUTHFIELD, MI 48034 TIMOTHY MEAGHER

Contact: TIMOTHY MEAGHER
Contact address: 30000 SOUTHFIELD ROAD
SOUTHFIELD MI 18076

SOUTHFIELD, MI 48076 Not reported

Contact country: Not reported
Contact telephone: (248) 233-8341
Contact email: Not reported

EPA Region: 05

MIK272157611

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

CENTEX HOMES (Continued)

1009398931

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: **CENTEX HOMES** Owner/operator address: Not reported Not reported Owner/operator country: Not reported Owner/operator telephone: Not reported Legal status: Private

Owner/Operator Type: Owner Owner/Op start date: 02/14/2006 Owner/Op end date: Not reported

Owner/operator name: **CENTEX HOMES** Owner/operator address: Not reported Not reported Owner/operator country: Not reported Owner/operator telephone: Not reported Legal status: Private

Owner/Operator Type: Operator Owner/Op start date: 02/14/2006 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: Nο User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Off-site waste receiver: Commercial status unknown

Universal Waste Summary:

Waste type: **Batteries** Accumulated waste on-site: Generated waste on-site: No

Waste type: Lamps Accumulated waste on-site: No Generated waste on-site:

Pesticides Waste type: Accumulated waste on-site: Nο Generated waste on-site: No

Waste type: Thermostats Map ID MAP FINDINGS

Direction Distance

Elevation Site Database(s) EPA ID Number

CENTEX HOMES (Continued) 1009398931

Accumulated waste on-site: No Generated waste on-site: No

Waste type: DEVICES CONTAINING ELEMENTAL MERCURY

Accumulated waste on-site: No Generated waste on-site: No

Waste type: MERCURY THERMOMETERS

Accumulated waste on-site: No Generated waste on-site: No

Waste type: MERCURY SWITCHES

Accumulated waste on-site: No Generated waste on-site: No

Historical Generators:

Date form received by agency: 02/27/2006
Facility name: CENTEX HOMES
Classification: Small Quantity Generator

Date form received by agency: 01/01/1980
Facility name: CENTEX HOMES
Classification: Not a generator, verified

Violation Status: No violations found

3 TARGET CORPORATION RCRA-CESQG 1010320175 North 30333 SOUTHFIELD MIK484699210

< 1/8 0.114 mi. 603 ft.

Lower

Actual:

726 ft.

SOUTHFIELD, MI 48076

Relative: RCRA-CESQG:

Date form received by agency: 07/18/2006

Facility name: TARGET CORPORATION
Facility address: 30333 SOUTHFIELD
SOUTHFIELD, MI 48076

EPA ID: MIK484699210

Mailing address: PO BOX 111

MINNEAPOLIS, MN 55440
Contact: JENNIFER RYMANOWSKI
Contact address: 30333 SOUTHFIELD

SOUTHFIELD, MI 48076

Contact country: Not reported
Contact telephone: (612) 304-4417
Contact email: Not reported

EPA Region: 0

Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar

month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any

EDR ID Number

Map ID MAP FINDINGS

Direction Distance Elevation

Site EDR ID Number

EDR ID Number

EPA ID Number

TARGET CORPORATION (Continued)

1010320175

time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: TARGET CORPORATION

Owner/operator address: Not reported Not reported

Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 07/08/2006
Owner/Op end date: Not reported

Owner/operator name: TARGET CORPORATION

Owner/operator address: Not reported

Not reported Not reported

Owner/operator country:

Owner/operator telephone:

Legal status:

Owner/Operator Type:

Owner

Owner/Op start date:

Owner/Op end date:

Not reported

Not reported

Owner

Not reported

Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: Nο Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Off-site waste receiver: Commercial status unknown

Universal Waste Summary:

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: No

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

TARGET CORPORATION (Continued)

1010320175

1007102634

MIR000103382

RCRA-SQG

Waste type: Thermostats

Accumulated waste on-site: No Generated waste on-site: No

Waste type: DEVICES CONTAINING ELEMENTAL MERCURY

Accumulated waste on-site: Generated waste on-site: No

MERCURY THERMOMETERS Waste type:

Accumulated waste on-site: Generated waste on-site: No

Waste type: MERCURY SWITCHES

Accumulated waste on-site: Generated waste on-site: No

Historical Generators:

Date form received by agency: 01/01/1980

Facility name: TARGET CORPORATION Classification: Not a generator, verified

Violation Status: No violations found

HOME DEPOT USA INC South 29801 SOUTHFIELD RD 1/8-1/4 SOUTHFIELD, MI 48076

0.165 mi. 869 ft.

Actual:

724 ft.

RCRA-SQG: Relative:

Date form received by agency: 04/17/2007 Lower

Facility name: HOME DEPOT USA INC Facility address: 29801 SOUTHFIELD RD

SOUTHFIELD, MI 48076

EPA ID: MIR000103382 Mailing address:

1905 ASTON AVENUE CARLSBAD, CA 92008

Contact: MELANIE KOSKE

Contact address: 29801 SOUTHFIELD RD

SOUTHFIELD, MI 48076

Contact country: Not reported Contact telephone: (760) 602-8700 Contact email: Not reported

EPA Region: 05

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous

waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of

hazardous waste at any time

Owner/Operator Summary:

HOME DEPOT USA INC Owner/operator name:

Owner/operator address: Not reported Not reported

Owner/operator country: Not reported Owner/operator telephone: Not reported Legal status: Private

Map ID MAP FINDINGS

Direction Distance Elevation

stance EDR ID Number evation Site Database(s) EPA ID Number

HOME DEPOT USA INC (Continued)

1007102634

Owner/Operator Type: Operator
Owner/Op start date: 08/31/1995
Owner/Op end date: Not reported

Owner/operator name: HOME DEPOT USA INC

Owner/operator address: Not reported

Not reported Not reported

Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 08/31/1995
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: Nο On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Off-site waste receiver: Commercial status unknown

Universal Waste Summary:

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Thermostats

Accumulated waste on-site: No Generated waste on-site: No

Waste type: DEVICES CONTAINING ELEMENTAL MERCURY

Accumulated waste on-site: No Generated waste on-site: No

Waste type: MERCURY THERMOMETERS

Accumulated waste on-site: No Generated waste on-site: No

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site **EPA ID Number** Database(s)

HOME DEPOT USA INC (Continued)

1007102634

1000828154

MID985652114

RCRA-NonGen

FINDS

Waste type: MERCURY SWITCHES

Accumulated waste on-site: No Generated waste on-site: No

Historical Generators:

Date form received by agency: 12/20/2006

HOME DEPOT USA INC Facility name: Classification: Small Quantity Generator

Date form received by agency: 09/30/2005

Facility name: HOME DEPOT USA INC Small Quantity Generator Classification:

Date form received by agency: 04/09/2001

Facility name: HOME DEPOT USA INC

Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/01/1980

Facility name: HOME DEPOT USA INC Classification: Not a generator, verified

Violation Status: No violations found

THE PHOTO CENTER INC South 29702D SOUTHFIELD RD 1/8-1/4 SOUTHFIELD, MI 48076

0.227 mi. 1199 ft.

RCRA-NonGen: Relative:

Date form received by agency: 09/30/1995 Higher

Facility name: THE PHOTO CENTER INC

Actual: 728 ft.

Facility address: 29702D SOUTHFIELD RD

SOUTHFIELD, MI 48076

EPA ID: MID985652114 GLEN CORCORAN Contact: Contact address: 29702D SOUTHFIELD RD SOUTHFIELD, MI 48076

Contact country: Not reported Contact telephone: (248) 443-1808 Contact email: Not reported

EPA Region: 05

Land type: Other land type Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

NO ACTIVE O/OP AS NOT GENERATING WASTE Owner/operator name:

Owner/operator address: Not reported Not reported

Owner/operator country: Not reported Not reported Owner/operator telephone: Legal status: Private Owner/Operator Type: Owner Owner/Op start date: 10/01/1995 Owner/Op end date: Not reported

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE Map ID MAP FINDINGS

Direction Distance Elevation

bistance EDR ID Number levation Site Database(s) EPA ID Number

THE PHOTO CENTER INC (Continued)

1000828154

Owner/operator address:

Not reported
Not reported
Not reported
Owner/operator country:
Owner/operator telephone:
Legal status:
Owner/Operator Type:
Owner/Op start date:
Owner/Op end date:
Not reported
Private
Operator
10/01/1995
Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Off-site waste receiver: Commercial status unknown

Universal Waste Summary:

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Thermostats

Accumulated waste on-site: No Generated waste on-site: No

Waste type: DEVICES CONTAINING ELEMENTAL MERCURY

Accumulated waste on-site: No Generated waste on-site: No

Waste type: MERCURY THERMOMETERS

Accumulated waste on-site: No Generated waste on-site: No

Waste type: MERCURY SWITCHES

Accumulated waste on-site: No Generated waste on-site: No

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

THE PHOTO CENTER INC (Continued)

1000828154

Historical Generators:

Date form received by agency: 09/17/1992

Facility name: THE PHOTO CENTER INC Classification: Small Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 03/23/1994

COMPLIANCE EVALUATION INSPECTION ON-SITE Evaluation:

Area of violation: Not reported Date achieved compliance: Not reported Evaluation lead agency: State

FINDS:

Registry ID: 110003675498

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA

program staff to track the notification, permit, compliance, and

corrective action activities required under RCRA.

AMERICAN WASH SYS SOUTHFIELD 6

North 30705 SOUTHFIELD RD 1/4-1/2 SOUTHFIELD, MI 48076

0.281 mi. 1481 ft.

LUST: Relative:

Facility ID: 00003230 Lower

> Source: STATE OF MICHIGAN

Actual: Owner Name: American Wash Sys Southfield 721 ft. 30705 Southfield Rd Owner Address:

Owner City, St, Zip: Southfield, MI 48076-7740

Owner Contact: Not reported Owner Phone: (248) 642-3858

Country: USA

District: SE Michigan District Office Gas & Go (former Bp#04623) Site Name:

Latitude: 42.5153990000 -83.2234830000 Longitude: Date of Collection: 01-11-2001

Method of Collection: Address Matching-House Number

Accuracy: 100 Accuracy Value Unit: **FEET** Horizontal Data: NAD83 Point Line Area: **POINT**

Desc Category: Plant Entrance (Freight)

Leak Number: C-0675-85 Release Date: Sep 2 1988 Substance Released: Not reported LUST

UST

U002302723

N/A

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

AMERICAN WASH SYS SOUTHFIELD (Continued)

U002302723

Release Status: Closed Jan 29 1998 Release Closed Date:

UST:

Facility ID: 00003230 Facility Type: **ACTIVE** 42.5153990000 Latitude: Longitude: -83.2234830000

American Wash Sys Southfield Owner Name:

Owner Address: 30705 Southfield Rd Owner City, St, Zip: Southfield, MI 48076-7740

Owner Country: USA

Owner Contact: Not reported Owner Phone: (248) 642-3858 Contact: Ted Yamin (248) 642-3858 Contact Phone: Date of Collection: 01-11-2001 Accuracy: 100 Accuracy Value Unit: **FEET** Horizontal Datum: NAD83

STATE OF MICHIGAN Source:

POINT Point Line Area:

Desc Category: Plant Entrance (Freight)

Method of Collection: Address Matching-House Number

Tank ID:

Tank Status: **Currently In Use**

10000 Capacity: Install Date: Mar 21 1972 Product: Gasoline Remove Date: Not reported

Tank Release Detection: Automatic Tank Gauging

Pipe Realease Detection: Automatic Line Leak Detectors, Line Tightness Testing

Piping Material: Fiberglass reinforced plastic

Pressure Piping Type:

Constr Material: Fiberglass Reinforced plastic

Impressed Device: No

Tank ID:

Tank Status: **Currently In Use** 10000 Capacity: Install Date: Mar 21 1972

Product: Gasoline Remove Date: Not reported

Tank Release Detection: Automatic Tank Gauging

Pipe Realease Detection: Automatic Line Leak Detectors, Line Tightness Testing

Piping Material: Fiberglass reinforced plastic

Pressure Piping Type:

Fiberglass Reinforced plastic Constr Material:

Impressed Device: No

Tank ID:

Tank Status: **Currently In Use**

4000 Capacity:

Install Date: Mar 21 1972 Product: Gasoline

Map ID MAP FINDINGS

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

AMERICAN WASH SYS SOUTHFIELD (Continued)

U002302723

Remove Date: Not reported

Tank Release Detection: Automatic Tank Gauging

Pipe Realease Detection: Automatic Line Leak Detectors, Line Tightness Testing

Piping Material: Fiberglass reinforced plastic

Piping Type: Pressure

Constr Material: Fiberglass Reinforced plastic

Impressed Device: No

 B7
 CVS PHARMACY 8021
 BEA
 \$106425718

 North
 30920 SOUTHFIELD ROAD
 N/A

1/4-1/2 SOUTHFIELD, MI 48076

0.374 mi.

1975 ft. Site 1 of 2 in cluster B

Relative:

BEA:

Secondary Address: Not reported

BEA Number: 3042

Actual: District: Southeast MI 720 ft. Date Received: 2/1/2006 12:5

Date Received: 2/1/2006 12:59:00 AM Submitter Name: SCP 2005-C21-516, LLC

Petition Determination: No Request

Petition Disclosure: 0

Category: Different Hazardous Substance(s)

Determination 20107A: No Request Reviewer: mitchelf

Division Assigned: Storage Tank Division

Secondary Address: Not reported BEA Number: 2399

District: Southeast MI

Date Received: 5/19/2004 12:59:00 AM Submitter Name: LLK Enterprises, LLC

Petition Determination: No Request

Petition Disclosure:

Category: Same Hazardous Substance(s)

Determination 20107A: No Request Reviewer: schlaufj

Division Assigned: Storage Tank Division

 B8
 13 & SOUTHFIELD MOBIL
 LUST
 \$105213602

 North
 30915 SOUTHFIELD RD
 AIRS
 N/A

 1/4-1/2
 SOUTHFIELD, MI 48076
 N/A

0.375 mi.

1978 ft. Site 2 of 2 in cluster B

Relative: LUST:

Lower Facility ID: 00016661

Source: STATE OF MICHIGAN

Actual: Owner Name: Abbas Oil Investment LLC
721 ft. Owner Address: 30915 Southfield Rd

Owner City,St,Zip: Southfield, MI 48076
Owner Contact: Not reported
Owner Phone: (248) 258-6028

Country: USA

District: SE Michigan District Office

Site Name: Mobil #03-667

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

13 & SOUTHFIELD MOBIL (Continued)

S105213602

Latitude: 42.5164470000 Longitude: -83.2235390000 Date of Collection: 01-11-2001

Method of Collection: Address Matching-House Number

Accuracy: Accuracy Value Unit: **FEET** Horizontal Data: NAD83 Point Line Area: **POINT**

Plant Entrance (Freight) Desc Category:

Leak Number: C-0676-85 Release Date: Aug 10 1987 Substance Released: Not reported Release Status: Closed Release Closed Date: Apr 11 1997

AIRS:

State Registration Number: N3734 Naics Code: Not reported Contact Name: MARK STUENKEL Contact Phone: 3139485029

Contact Address: MOBIL OIL CORPORATION NO. 30 OAK HOLLOW, SUITE 245 Contact Address 2:

Contact City, St, Zip: SOUTHFIELD, MI 48034

Permit Number: 882-92 Date Received: 9/16/1992 State Registration Number: N3734 Country: Not reported

Application Reason: SOIL VAPOR EXT. SYS.

Record Type: Not reported State County FIPS: Not reported Facility Category: Not reported SIC Primary: Not reported Tribal Code: Not reported El Year: Not reported

9 **CVS PHARMACY 8021 (PROPOSED)** North 30920 SOUTHFIELD ROAD / A PORTION

1/4-1/2 0.393 mi.

SOUTHFIELD, MI

2077 ft.

BEA: Relative:

Secondary Address: OF 30600 SOUTHFIELD ROAD Lower

BEA Number: 2586

Actual: District: Southeast MI

720 ft. Date Received: 11/19/2004 12:59:00 AM ARBOR DRUGS, INC. Submitter Name:

Petition Determination: Affirmed

Petition Disclosure:

Category: Different Hazardous Substance(s)

Determination 20107A: No Request Reviewer: mitchelf

Division Assigned: Storage Tank Division

OF 30600 SOUTHFIELD ROAD Secondary Address:

BEA Number: 2587 District: Southeast MI **BEA**

S106676442

N/A

Map ID MAP FINDINGS

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EDR ID Number

CVS PHARMACY 8021 (PROPOSED) (Continued)

S106676442

1005033812

N/A

LUST

UST

Date Received: 11/19/2004 12:59:00 AM Submitter Name: COUNTRY SVC, L.L.C.

Petition Determination: Affirmed

Petition Disclosure:

Category: Different Hazardous Substance(s)

Determination 20107A: No Request Reviewer: mitchelf

Division Assigned: Storage Tank Division

10 VILLAGE OF BEVERLY HILLS

10 VILLAGE OF BEVERLY HILLS NW 18500 W 13 MILE RD 1/4-1/2 BEVERLY HILLS, MI 48025

0.499 mi. 2633 ft.

Relative: LUST:

Lower Facility ID: 00000553

Source: STATE OF MICHIGAN

Actual: Owner Name: Village Of Beverly Hills

725 ft. Owner Address: 18500 W 13 Mile Rd

Owner City,St,Zip: Beverly Hills, MI 48025-5262

Owner Contact: Not reported
Owner Phone: (248) 646-6404

Country: USA

District: SE Michigan District Office
Site Name: Village Of Beverly Hills
Latitude: 42.5169950000
Longitude: -83.2288750000
Date of Collection: 01-11-2001

Method of Collection: Address Matching-House Number

Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Leak Number: C-1137-94
Release Date: Oct 4 1994
Substance Released: Gasoline
Release Status: Closed
Release Closed Date: Jan 25 1995

Leak Number: C-1514-90
Release Date: Aug 14 1990
Substance Released: Not reported
Release Status: Closed
Release Closed Date: May 7 1991

UST:

Facility ID: 00000553
Facility Type: CLOSED
Latitude: 42.5169950000
Longitude: -83.2288750000
Owner Name: Village Of Beverly Hills
Owner Address: 18500 W 13 Mile Rd
Owner City,St,Zip: Beverly Hills, MI 48025-5262

Owner Country: USA
Owner Contact: Not reported

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

VILLAGE OF BEVERLY HILLS (Continued)

1005033812

Owner Phone: (248) 646-6404 **ROBT WISZOWATY** Contact: Contact Phone: (810) 646-6404 01-11-2001 Date of Collection: Accuracy: 100

Accuracy Value Unit: **FEET** Horizontal Datum: NAD83

STATE OF MICHIGAN Source:

Point Line Area: **POINT**

Desc Category: Plant Entrance (Freight)

Method of Collection: Address Matching-House Number

Tank ID:

Tank Status: **Removed from Ground**

Capacity: 2000 Install Date: Apr 1 1972 Gasoline Product: Remove Date: Aug 31 1990 Tank Release Detection: Not reported Pipe Realease Detection: Not reported Piping Material: Galvanized Steel Piping Type: Not reported

Constr Material: Asphalt Coated or Bare Steel, Lined Interier

Impressed Device:

Tank ID:

Tank Status: Removed from Ground

Capacity: 550 Install Date: Apr 1 1966 Product: Diesel Remove Date: Aug 31 1990 Tank Release Detection: Not reported Pipe Realease Detection: Not reported Galvanized Steel Piping Material: Piping Type: Not reported

Constr Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID: Phantom

Tank Status: Non-Registered Tank

Capacity: Not reported Install Date: Not reported Product: Unknown Remove Date: Not reported Tank Release Detection: Not reported Pipe Realease Detection: Not reported Piping Material: Not reported Piping Type: Not reported Constr Material: Not reported Impressed Device:

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BEVERLY HILLS	S106802047	S106802047 AMOCO SERVICE STATION NO 5699	31015TH SOUTHFIELD & 13 MILE R	48025	LUST
SOUTHFIELD	S109569558	3109569558 J.P. MORGAN CHASE	29933RD & 29955 SOUTHFIELD RD		BEA
SOUTHFIELD	S109569590	3109569590 TRI-COUNTY PHYSICAL THERAPY (FORME	29933RD & 29955 SOUTHFIELD RD		BEA
SOUTHFIELD	2008880381	2008880381 25700 WEST EIGHTMILE ROAD	25700 W EIGHTMILE RD		ERNS
SOUTHFIELD	S108669946	SOUTHFIELD DOWNS MOBILE HOME PARK	E OF SOUTHFIELD RD	48076	BEA
SOUTHFIELD	S108669945	3108669945 SOUTHFIELD DOWNS MOBILE HOME PARK	E OF SOUTHFIELD RD	48076	BEA
SOUTHFIELD	S108084449	SPRING HAVEN VILLAS	N OF WEBSTER AVE		BEA
SOUTHFIELD	1011919796	CITY OF SOUTHFIELD	23915 SAMORSET TRL	48076	FINDS
SOUTHFIELD	1010785536	CITY OF SOUTHFIELD	23915 SAMORSET TRL	48076	RCRA-NonGen
SOUTHFIELD	S108236812	SOUTHFIELD RETAIL CENTER, LLC	EAST SIDE OF SOUTHFIELD RD	48076	BEA
SOUTHFIELD	S105965689	3105965689 AGATTAS LANDFILL	SOUTHFIELD RD BETWEEN 12TH & 1		DEL SHWS
SOUTHFIELD	S100070044	STANLEY FONS	30 000 SOUTHFIELD RD	48076	HIST LF

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 03/31/2010 Source: EPA
Date Data Arrived at EDR: 04/02/2010 Telephone: N/A

Date Made Active in Reports: 04/12/2010 Last EDR Contact: 07/14/2010

Number of Days to Update: 10 Next Scheduled EDR Contact: 10/25/2010
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

Telephone 617-918-1143 Telephone: 214-655-6659

EPA Region 3 EPA Region 7

Telephone 215-814-5418 Telephone: 913-551-7247

EPA Region 4 EPA Region 8

Telephone 404-562-8033 Telephone: 303-312-6774

EPA Region 5 EPA Region 9

Telephone 312-886-6686 Telephone: 415-947-4246

EPA Region 10

Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 03/31/2010 Source: EPA
Date Data Arrived at EDR: 04/02/2010 Telephone: N/A

Date Made Active in Reports: 04/12/2010 Last EDR Contact: 07/14/2010

Number of Days to Update: 10 Next Scheduled EDR Contact: 10/25/2010
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Source: EPA

Date of Government Version: 10/15/1991 Date Data Arrived at EDR: 02/02/1994 Date Made Active in Reports: 03/30/1994

Number of Days to Update: 56

Telephone: 202-564-4267 Last EDR Contact: 08/16/2010

Next Scheduled EDR Contact: 11/29/2010

Data Release Frequency: No Update Planned

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the

NPL where no further response is appropriate.

Date of Government Version: 03/31/2010 Date Data Arrived at EDR: 04/02/2010 Date Made Active in Reports: 04/12/2010

Number of Days to Update: 10

Source: EPA Telephone: N/A

Last EDR Contact: 07/14/2010

Next Scheduled EDR Contact: 10/25/2010 Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 01/29/2010 Date Data Arrived at EDR: 02/09/2010 Date Made Active in Reports: 04/12/2010

Number of Days to Update: 62

Source: EPA

Telephone: 703-412-9810 Last EDR Contact: 09/02/2010

Next Scheduled EDR Contact: 10/11/2010 Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPAa??'s Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 06/23/2009 Date Data Arrived at EDR: 01/15/2010 Date Made Active in Reports: 02/10/2010

Number of Days to Update: 26

Source: Environmental Protection Agency

Telephone: 703-603-8704 Last EDR Contact: 07/21/2010

Next Scheduled EDR Contact: 10/25/2010 Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 06/23/2009 Date Data Arrived at EDR: 09/02/2009 Date Made Active in Reports: 09/21/2009

Number of Days to Update: 19

Source: EPA

Telephone: 703-412-9810 Last EDR Contact: 09/02/2010

Next Scheduled EDR Contact: 12/13/2010 Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/25/2010 Date Data Arrived at EDR: 03/31/2010 Date Made Active in Reports: 05/27/2010

Number of Days to Update: 57

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 08/16/2010

Next Scheduled EDR Contact: 11/29/2010 Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 02/17/2010 Date Data Arrived at EDR: 02/19/2010 Date Made Active in Reports: 05/17/2010

Number of Days to Update: 87

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 08/19/2010

Next Scheduled EDR Contact: 10/18/2010 Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/17/2010 Date Data Arrived at EDR: 02/19/2010 Date Made Active in Reports: 05/17/2010

Number of Days to Update: 87

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 08/19/2010

Next Scheduled EDR Contact: 10/18/2010 Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 02/17/2010 Date Data Arrived at EDR: 02/19/2010 Date Made Active in Reports: 05/17/2010

Number of Days to Update: 87

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 08/19/2010

Next Scheduled EDR Contact: 10/18/2010 Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/17/2010 Date Data Arrived at EDR: 02/19/2010 Date Made Active in Reports: 05/17/2010

Number of Days to Update: 87

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 08/19/2010

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 12/20/2009 Date Data Arrived at EDR: 01/20/2010 Date Made Active in Reports: 04/12/2010

Number of Days to Update: 82

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 06/14/2010

Next Scheduled EDR Contact: 09/27/2010 Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 12/20/2009 Date Data Arrived at EDR: 01/20/2010 Date Made Active in Reports: 04/12/2010

Number of Days to Update: 82

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 06/14/2010

Next Scheduled EDR Contact: 09/27/2010 Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 07/09/2010 Date Data Arrived at EDR: 07/09/2010 Date Made Active in Reports: 08/17/2010

Number of Days to Update: 39

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 07/09/2010

Next Scheduled EDR Contact: 10/18/2010 Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Contaminated Sites

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 08/02/2010 Date Data Arrived at EDR: 08/03/2010 Date Made Active in Reports: 08/06/2010

Number of Days to Update: 3

Source: Department of Natural Resources & Environment

Telephone: 517-373-9541 Last EDR Contact: 08/03/2010

Next Scheduled EDR Contact: 11/15/2010 Data Release Frequency: Semi-Annually

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Solid Waste Facilities Database

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 07/12/2010 Date Data Arrived at EDR: 07/13/2010 Date Made Active in Reports: 08/02/2010

Number of Days to Update: 20

Source: Department of Natural Resources & Environment

Telephone: 517-335-4035 Last EDR Contact: 07/08/2010

Next Scheduled EDR Contact: 10/18/2010 Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank Sites

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 05/21/2010 Date Data Arrived at EDR: 05/25/2010 Date Made Active in Reports: 06/09/2010

Number of Days to Update: 15

Source: Department of Natural Resources & Environment Telephone: 517-373-9837

Last EDR Contact: 08/24/2010

Next Scheduled EDR Contact: 12/06/2010 Data Release Frequency: Annually

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 05/27/2010 Date Data Arrived at EDR: 05/28/2010 Date Made Active in Reports: 08/09/2010

Number of Days to Update: 73

Source: Environmental Protection Agency

Telephone: 415-972-3372 Last EDR Contact: 08/02/2010

Next Scheduled EDR Contact: 11/15/2010 Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/19/2010 Date Data Arrived at EDR: 05/21/2010 Date Made Active in Reports: 08/09/2010

Number of Days to Update: 80

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 08/02/2010

Next Scheduled EDR Contact: 11/15/2010 Data Release Frequency: Semi-Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 05/04/2010 Date Data Arrived at EDR: 05/05/2010 Date Made Active in Reports: 05/27/2010

Number of Days to Update: 22

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 08/02/2010

Next Scheduled EDR Contact: 11/15/2010 Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/19/2009 Date Data Arrived at EDR: 02/19/2009 Date Made Active in Reports: 03/16/2009

Number of Days to Update: 25

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 08/02/2010

Next Scheduled EDR Contact: 11/15/2010 Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/03/2010 Date Data Arrived at EDR: 05/05/2010 Date Made Active in Reports: 05/27/2010

Number of Days to Update: 22

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 08/02/2010

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 11/04/2009 Date Data Arrived at EDR: 05/04/2010 Date Made Active in Reports: 07/07/2010

Number of Days to Update: 64

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 08/11/2010

Next Scheduled EDR Contact: 11/15/2010 Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 05/24/2010 Date Data Arrived at EDR: 05/27/2010 Date Made Active in Reports: 08/09/2010

Number of Days to Update: 74

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 08/02/2010

Next Scheduled EDR Contact: 11/15/2010 Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Underground Storage Tank Facility List

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 05/21/2010 Date Data Arrived at EDR: 05/25/2010 Date Made Active in Reports: 06/15/2010

Number of Days to Update: 21

Source: Department of Natural Resources & Environment

Telephone: 517-335-4035 Last EDR Contact: 08/24/2010

Next Scheduled EDR Contact: 12/06/2010 Data Release Frequency: Annually

AST: Aboveground Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 02/05/2010 Date Data Arrived at EDR: 03/12/2010 Date Made Active in Reports: 04/14/2010

Number of Days to Update: 33

Source: Department of Natural Resources & Environment

Telephone: 517-373-8168 Last EDR Contact: 08/04/2010

Next Scheduled EDR Contact: 12/06/2010

Data Release Frequency: No Update Planned

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 05/24/2010 Date Data Arrived at EDR: 05/27/2010 Date Made Active in Reports: 08/09/2010

Number of Days to Update: 74

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 08/02/2010

Next Scheduled EDR Contact: 11/15/2010 Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/01/2008 Date Data Arrived at EDR: 12/30/2008 Date Made Active in Reports: 03/16/2009

Number of Days to Update: 76

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 08/11/2010

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/19/2009 Date Data Arrived at EDR: 02/19/2009 Date Made Active in Reports: 03/16/2009

Number of Days to Update: 25

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 08/02/2010

Next Scheduled EDR Contact: 11/15/2010 Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 05/27/2010 Date Data Arrived at EDR: 05/28/2010 Date Made Active in Reports: 08/09/2010

Number of Days to Update: 73

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 08/02/2010

Next Scheduled EDR Contact: 11/15/2010 Data Release Frequency: Quarterly

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 05/19/2010 Date Data Arrived at EDR: 05/21/2010 Date Made Active in Reports: 08/09/2010

Number of Days to Update: 80

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 08/02/2010

Next Scheduled EDR Contact: 11/15/2010 Data Release Frequency: Semi-Annually

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 05/04/2010 Date Data Arrived at EDR: 05/05/2010 Date Made Active in Reports: 05/27/2010

Number of Days to Update: 22

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 08/02/2010

Next Scheduled EDR Contact: 11/15/2010 Data Release Frequency: Quarterly

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/03/2010 Date Data Arrived at EDR: 05/05/2010 Date Made Active in Reports: 05/27/2010

Number of Days to Update: 22

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 08/02/2010

Next Scheduled EDR Contact: 11/15/2010 Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 02/11/2010 Date Data Arrived at EDR: 02/11/2010 Date Made Active in Reports: 04/12/2010

Number of Days to Update: 60

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 08/02/2010

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010

Number of Days to Update: 55

Source: FEMA

Telephone: 202-646-5797 Last EDR Contact: 07/19/2010

Next Scheduled EDR Contact: 11/01/2010 Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

AUL: Engineering and Institutional Controls

A listing of sites with institutional and/or engineering controls in place.

Date of Government Version: 07/02/2010 Date Data Arrived at EDR: 07/07/2010 Date Made Active in Reports: 08/02/2010

Number of Days to Update: 26

Source: Department of Natural Resources & Environment

Telephone: 517-373-4828 Last EDR Contact: 06/07/2010

Next Scheduled EDR Contact: 09/20/2010 Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 04/02/2008 Date Data Arrived at EDR: 04/22/2008 Date Made Active in Reports: 05/19/2008

Number of Days to Update: 27

Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 07/08/2010

Next Scheduled EDR Contact: 10/18/2010 Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008 Date Data Arrived at EDR: 04/22/2008 Date Made Active in Reports: 05/19/2008

Number of Days to Update: 27

Source: EPA, Region 7 Telephone: 913-551-7365 Last EDR Contact: 04/20/2009

Next Scheduled EDR Contact: 07/20/2009 Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields and USTfield Site Database

All state funded Part 201 and 213 sites, as well as LUST sites that have been redeveloped by private entities using the BEA process. Be aware that this is not a list of all of the potential brownfield sites in Michigan.

Date of Government Version: 06/01/2010 Date Data Arrived at EDR: 06/01/2010 Date Made Active in Reports: 06/09/2010

Number of Days to Update: 8

Source: Department of Natural Resources & Environment

Telephone: 517-373-4805 Last EDR Contact: 08/30/2010

Next Scheduled EDR Contact: 11/15/2010 Data Release Frequency: Varies

BROWNFIELDS 2: Brownfields Building and Land Site Locations

A listing of brownfield building and land site locations. The listing is a collaborative effort of Michigan Economic Development Corporation, Michigan Economic Developers Association, Detrot Edison, Detroit Area Commercial Board of Realtors

Date of Government Version: 04/09/2007 Date Data Arrived at EDR: 04/10/2007 Date Made Active in Reports: 05/01/2007

Number of Days to Update: 21

Source: Economic Development Corporation

Telephone: 888-522-0103 Last EDR Contact: 06/21/2010

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 06/24/2010 Date Data Arrived at EDR: 06/25/2010 Date Made Active in Reports: 08/17/2010

Number of Days to Update: 53

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 06/25/2010

Next Scheduled EDR Contact: 10/11/2010 Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985 Date Data Arrived at EDR: 08/09/2004 Date Made Active in Reports: 09/17/2004 Number of Days to Update: 39 Source: Environmental Protection Agency Telephone: 800-424-9346

Last EDR Contact: 06/09/2004 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009 Date Data Arrived at EDR: 05/07/2009 Date Made Active in Reports: 09/21/2009

Number of Days to Update: 137

Source: EPA, Region 9 Telephone: 415-947-4219 Last EDR Contact: 07/28/2010

Next Scheduled EDR Contact: 09/20/2010 Data Release Frequency: Varies

HIST LF: Inactive Solid Waste Facilities

The database contains historical information and is no longer updated.

Date of Government Version: 03/01/1997 Date Data Arrived at EDR: 02/28/2003 Date Made Active in Reports: 03/06/2003

Number of Days to Update: 6

Source: Department of Natural Resources & Environment

Telephone: 517-335-4034 Last EDR Contact: 02/28/2003 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998 Date Data Arrived at EDR: 12/03/2007 Date Made Active in Reports: 01/24/2008

Number of Days to Update: 52

Source: Environmental Protection Agency

Telephone: 703-308-8245 Last EDR Contact: 08/23/2010

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/07/2010 Date Data Arrived at EDR: 06/18/2010 Date Made Active in Reports: 08/17/2010

Number of Days to Update: 60

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 03/08/2010

Next Scheduled EDR Contact: 09/20/2010 Data Release Frequency: Quarterly

DEL SHWS: Delisted List of Contaminated Sites

Sites that have been delisted or deleted from the List of Contaminated Sites. The available documentation for the site does not support it's listing or the site no longer meets criteria specified in rules.

Date of Government Version: 08/04/2010 Date Data Arrived at EDR: 08/04/2010 Date Made Active in Reports: 08/06/2010

Number of Days to Update: 2

Source: Department of Natural Resources & Environment

Telephone: 517-373-9541 Last EDR Contact: 08/02/2010

Next Scheduled EDR Contact: 11/15/2010 Data Release Frequency: Varies

CDL: Clandestine Drug Lab Listing

A listing of clandestine drug lab locations.

Date of Government Version: 10/20/2008 Date Data Arrived at EDR: 11/18/2008 Date Made Active in Reports: 11/21/2008

Number of Days to Update: 3

Source: Department of Community Health

Telephone: 517-373-3740 Last EDR Contact: 08/03/2010

Next Scheduled EDR Contact: 11/15/2010 Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007 Date Data Arrived at EDR: 11/19/2008 Date Made Active in Reports: 03/30/2009

Number of Days to Update: 131

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 03/23/2009

Next Scheduled EDR Contact: 06/22/2009 Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 05/06/2010
Date Data Arrived at EDR: 05/11/2010
Date Made Active in Reports: 08/09/2010

Number of Days to Update: 90

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 08/02/2010

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005 Date Data Arrived at EDR: 12/11/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 31

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 08/23/2010

Next Scheduled EDR Contact: 12/06/2010 Data Release Frequency: Varies

LIENS: Lien List

An Environmental Lien is a charge, security, or encumbrance upon title to a property to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup, or other remediation of hazardous substances or petroleum products upon a property, including (but not limited to) liens imposed pursuant to CERCLA 42 USC * 9607(1) and similar state or local laws. In other words: a lien placed upon a property's title due to an environmental condition

Date of Government Version: 03/30/2010 Date Data Arrived at EDR: 04/30/2010 Date Made Active in Reports: 06/09/2010

Number of Days to Update: 40

Source: Department of Natural Resources & Environment

Telephone: 517-373-9837 Last EDR Contact: 04/26/2010

Next Scheduled EDR Contact: 08/09/2010 Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 04/06/2010 Date Data Arrived at EDR: 04/07/2010 Date Made Active in Reports: 05/27/2010

Number of Days to Update: 50

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 07/09/2010

Next Scheduled EDR Contact: 10/18/2010 Data Release Frequency: Annually

PEAS: Pollution Emergency Alerting System

Environmental pollution emergencies reported to the Department of Environmental Quality such as tanker accidents, pipeline breaks, and release of reportable quantities of hazardous substances.

Date of Government Version: 12/18/2009 Date Data Arrived at EDR: 07/23/2010 Date Made Active in Reports: 08/02/2010

Number of Days to Update: 10

Source: Department of Natural Resources & Environment

Telephone: 517-373-8427 Last EDR Contact: 06/14/2010

Next Scheduled EDR Contact: 09/27/2010 Data Release Frequency: Quarterly

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste

Date of Government Version: 02/17/2010 Date Data Arrived at EDR: 02/19/2010 Date Made Active in Reports: 05/17/2010

Number of Days to Update: 87

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 08/19/2010

Next Scheduled EDR Contact: 10/18/2010

Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/12/2010 Date Data Arrived at EDR: 02/09/2010 Date Made Active in Reports: 04/12/2010

Number of Days to Update: 62

Source: Department of Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 08/11/2010

Next Scheduled EDR Contact: 11/22/2010 Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 11/10/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 62

Source: USGS

Telephone: 703-692-8801 Last EDR Contact: 07/22/2010

Next Scheduled EDR Contact: 11/01/2010 Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2008 Date Data Arrived at EDR: 09/30/2009 Date Made Active in Reports: 12/01/2009

Number of Days to Update: 62

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 08/12/2010

Next Scheduled EDR Contact: 09/27/2010 Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 04/11/2010 Date Data Arrived at EDR: 04/19/2010 Date Made Active in Reports: 05/17/2010

Number of Days to Update: 28

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 07/08/2010

Next Scheduled EDR Contact: 10/18/2010 Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 06/01/2010 Date Data Arrived at EDR: 06/16/2010 Date Made Active in Reports: 08/17/2010

Number of Days to Update: 62

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 06/16/2010

Next Scheduled EDR Contact: 09/27/2010 Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 01/05/2009 Date Data Arrived at EDR: 05/07/2009 Date Made Active in Reports: 05/08/2009

Number of Days to Update: 1

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 09/01/2010

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/07/2010 Date Data Arrived at EDR: 06/09/2010 Date Made Active in Reports: 08/30/2010

Number of Days to Update: 82

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 06/09/2010

Next Scheduled EDR Contact: 09/20/2010 Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2008 Date Data Arrived at EDR: 01/13/2010 Date Made Active in Reports: 02/18/2010

Number of Days to Update: 36

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 09/01/2010

Next Scheduled EDR Contact: 12/13/2010 Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant

Date of Government Version: 12/31/2002 Date Data Arrived at EDR: 04/14/2006 Date Made Active in Reports: 05/30/2006

Number of Days to Update: 46

Source: EPA

Telephone: 202-260-5521 Last EDR Contact: 07/07/2010

Next Scheduled EDR Contact: 10/11/2010 Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-566-1667 Last EDR Contact: 08/30/2010

Next Scheduled EDR Contact: 12/13/2010 Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA

Telephone: 202-566-1667 Last EDR Contact: 08/30/2010

Next Scheduled EDR Contact: 12/13/2010 Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2007

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2008

Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2008 Date Data Arrived at EDR: 01/06/2010 Date Made Active in Reports: 02/10/2010

Number of Days to Update: 35

Source: EPA

Telephone: 202-564-4203 Last EDR Contact: 08/16/2010

Next Scheduled EDR Contact: 11/15/2010 Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 04/24/2010 Date Data Arrived at EDR: 04/29/2010 Date Made Active in Reports: 05/17/2010

Number of Days to Update: 18

Source: Environmental Protection Agency

Telephone: 202-564-5088 Last EDR Contact: 06/25/2010

Next Scheduled EDR Contact: 10/11/2010 Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 02/01/2010 Date Data Arrived at EDR: 04/22/2010 Date Made Active in Reports: 08/09/2010

Number of Days to Update: 109

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 07/30/2010

Next Scheduled EDR Contact: 11/01/2010 Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/18/2010 Date Data Arrived at EDR: 04/06/2010 Date Made Active in Reports: 05/27/2010

Number of Days to Update: 51

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169 Last EDR Contact: 06/14/2010

Next Scheduled EDR Contact: 09/27/2010 Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/13/2010 Date Data Arrived at EDR: 07/14/2010 Date Made Active in Reports: 08/09/2010

Number of Days to Update: 26

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 07/14/2010

Next Scheduled EDR Contact: 10/25/2010 Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/14/2010 Date Data Arrived at EDR: 04/16/2010 Date Made Active in Reports: 05/27/2010

Number of Days to Update: 41

Source: EPA

Telephone: (312) 353-2000 Last EDR Contact: 07/07/2010

Next Scheduled EDR Contact: 09/27/2010 Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995 Date Data Arrived at EDR: 07/03/1995 Date Made Active in Reports: 08/07/1995

Number of Days to Update: 35

Source: EPA

Telephone: 202-564-4104 Last EDR Contact: 06/02/2008

Next Scheduled EDR Contact: 09/01/2008 Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2007 Date Data Arrived at EDR: 02/25/2010 Date Made Active in Reports: 05/12/2010

Number of Days to Update: 76

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 08/24/2010

Next Scheduled EDR Contact: 12/06/2010 Data Release Frequency: Biennially

UIC: Underground Injection Wells Database

A listing of underground injection well locations. The UIC Program is responsible for regulating the construction, operation, permitting, and closure of injection wells that place fluids underground for storage or disposal.

Date of Government Version: 02/02/2010 Date Data Arrived at EDR: 03/03/2010 Date Made Active in Reports: 03/23/2010

Number of Days to Update: 20

Source: Department of Natural Resources & Environment

Telephone: 517-241-1515 Last EDR Contact: 08/02/2010

Next Scheduled EDR Contact: 11/15/2010 Data Release Frequency: Varies

DRYCLEANERS: Drycleaning Establishments
A listing of drycleaning facilities in Michigan.

Date of Government Version: 04/28/2010 Date Data Arrived at EDR: 05/17/2010 Date Made Active in Reports: 06/09/2010

Number of Days to Update: 23

Source: Department of Natural Resources & Environment

Telephone: 517-335-4586 Last EDR Contact: 07/26/2010

Next Scheduled EDR Contact: 11/08/2010 Data Release Frequency: Varies

NPDES: List of Active NPDES Permits

General information regarding NPDES (National Pollutant Discharge Elimination System) permits and NPDES Storm

Water permits.

Date of Government Version: 07/13/2010 Date Data Arrived at EDR: 07/14/2010 Date Made Active in Reports: 08/02/2010

Number of Days to Update: 19

Source: Department of Natural Resources & Environment

Telephone: 517-241-1300 Last EDR Contact: 07/14/2010

Next Scheduled EDR Contact: 10/25/2010 Data Release Frequency: Varies

AIRS: Permit and Emissions Inventory Data Permit and emissions inventory data.

Date of Government Version: 07/13/2010 Date Data Arrived at EDR: 07/14/2010 Date Made Active in Reports: 08/06/2010

Number of Days to Update: 23

Source: Department of Natural Resources & Environment

Telephone: 517-373-7074 Last EDR Contact: 07/09/2010

Next Scheduled EDR Contact: 10/11/2010 Data Release Frequency: Varies

BEA: BASELINE ENVIRONMENTAL ASSESSMENT DATABASE

A Baseline Environmental Assessment (BEA) allows people to purchase or begin operating at a facility without being held liable for existing contamination. BEAs are used to gather enough information about the property being transferred so that existing contamination can be distinguished from any new releases that might occur after the new owner or operator takes over the property.

Date of Government Version: 05/27/2010 Date Data Arrived at EDR: 05/28/2010 Date Made Active in Reports: 06/09/2010

Number of Days to Update: 12

Source: Department of Natural Resources & Environment

Telephone: 517-373-9541 Last EDR Contact: 08/23/2010

Next Scheduled EDR Contact: 12/06/2010 Data Release Frequency: Semi-Annually

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 12/08/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 34

Source: USGS

Telephone: 202-208-3710 Last EDR Contact: 07/22/2010

Next Scheduled EDR Contact: 11/01/2010 Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 05/12/2010 Date Data Arrived at EDR: 05/13/2010 Date Made Active in Reports: 08/17/2010

Number of Days to Update: 96

Source: Environmental Protection Agency

Telephone: 615-532-8599 Last EDR Contact: 08/23/2010

Next Scheduled EDR Contact: 11/08/2010

Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 02/06/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 339

Source: U.S. Geological Survey Telephone: 888-275-8747 Last EDR Contact: 07/22/2010

Next Scheduled EDR Contact: 11/01/2010

Data Release Frequency: N/A

FINANCIAL ASSURANCE: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 05/04/2010 Date Data Arrived at EDR: 05/06/2010 Date Made Active in Reports: 06/09/2010

Number of Days to Update: 34

Source: Department of Natural Resources & Environment

Telephone: 517-335-6610 Last EDR Contact: 07/12/2010

Next Scheduled EDR Contact: 10/18/2010 Data Release Frequency: Varies

FINANCIAL ASSURANCE 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 07/12/2010 Date Data Arrived at EDR: 07/13/2010 Date Made Active in Reports: 08/02/2010

Number of Days to Update: 20

Source: Department of Natural Resources & Environment

Telephone: 517-335-4034 Last EDR Contact: 07/08/2010

Next Scheduled EDR Contact: 10/18/2010 Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 11/09/2009 Date Data Arrived at EDR: 12/18/2009 Date Made Active in Reports: 02/10/2010

Number of Days to Update: 54

Source: Environmental Protection Agency

Telephone: N/A

Last EDR Contact: 06/14/2010

Next Scheduled EDR Contact: 09/27/2010 Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 01/01/2008 Date Data Arrived at EDR: 02/18/2009 Date Made Active in Reports: 05/29/2009

Number of Days to Update: 100

Source: Environmental Protection Agency

Telephone: 202-566-0517 Last EDR Contact: 08/10/2010

Next Scheduled EDR Contact: 11/15/2010 Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 08/07/2009 Date Made Active in Reports: 10/22/2009

Number of Days to Update: 76

Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 07/21/2010

COAL ASH: Coal Ash Disposal Sites

Coal fired power plants in Southeast Michigan that have coal ash handling on site.

Date of Government Version: 04/19/2010 Date Data Arrived at EDR: 04/19/2010 Date Made Active in Reports: 06/09/2010

Number of Days to Update: 51

Source: Department of Natural Resources & Environment

Telephone: 586-753-3754 Last EDR Contact: 07/12/2010

Next Scheduled EDR Contact: 10/25/2010

Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A Source: EDR, Inc.

Date Data Arrived at EDR: N/A Telephone: N/A

Date Made Active in Reports: N/A Last EDR Contact: N/A

Number of Days to Update: N/A Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

EDR Historical Auto Stations: EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

Date of Government Version: N/A Source: EDR, Inc.
Date Data Arrived at EDR: N/A Telephone: N/A
Date Made Active in Reports: N/A Last EDR Contact: N/A

Number of Days to Update: N/A Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

Date of Government Version: N/A Source: EDR, Inc.
Date Data Arrived at EDR: N/A Telephone: N/A
Date Made Active in Reports: N/A Last EDR Contact: N/A

Number of Days to Update: N/A Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2007 Date Data Arrived at EDR: 08/26/2009 Date Made Active in Reports: 09/11/2009

Number of Days to Update: 16

Source: Department of Environmental Protection

Source: Department of Environmental Protection

Telephone: 860-424-3375 Last EDR Contact: 08/25/2010

Next Scheduled EDR Contact: 12/06/2010 Data Release Frequency: Annually

NJ MANIFEST: Manifest Information Hazardous waste manifest information.

> Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 07/22/2010 Date Made Active in Reports: 08/26/2010

Number of Days to Update: 35

Telephone: N/A Last EDR Contact: 07/22/2010

Next Scheduled EDR Contact: 11/01/2010 Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD

facility.

Date of Government Version: 04/30/2010 Date Data Arrived at EDR: 05/13/2010 Date Made Active in Reports: 06/21/2010

Number of Days to Update: 39

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 08/11/2010

Next Scheduled EDR Contact: 11/22/2010 Data Release Frequency: Annually

PA MANIFEST: Manifest Information Hazardous waste manifest information.

> Date of Government Version: 12/31/2008 Date Data Arrived at EDR: 12/01/2009 Date Made Active in Reports: 12/14/2009

Number of Days to Update: 13

Source: Department of Environmental Protection

Telephone: 717-783-8990 Last EDR Contact: 08/23/2010

Next Scheduled EDR Contact: 12/06/2010 Data Release Frequency: Annually

RI MANIFEST: Manifest information Hazardous waste manifest information

> Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 07/19/2010 Date Made Active in Reports: 08/26/2010

Number of Days to Update: 38

Source: Department of Environmental Management

Telephone: 401-222-2797 Last EDR Contact: 08/30/2010

Next Scheduled EDR Contact: 12/13/2010 Data Release Frequency: Annually

WI MANIFEST: Manifest Information Hazardous waste manifest information.

> Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 07/06/2010 Date Made Active in Reports: 07/26/2010

Number of Days to Update: 20

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 06/21/2010

Next Scheduled EDR Contact: 10/04/2010 Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data Source: Rextag Strategies Corp. Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services,

a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary

and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Centers, Group & Family Homes

Source: Bureau of REgulatory Services

Telephone: 517-373-8300

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory
Source: Department of Natural Resources

Telephone: 517-241-2254

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

30161 SOUTHFIELD ROAD 30161 SOUTHFIELD ROAD SOUTHFIELD, MI 48076

TARGET PROPERTY COORDINATES

Latitude (North): 42.51110 - 42° 30′ 40.0″ Longitude (West): 83.223 - 83° 13′ 22.8″

Universal Tranverse Mercator: Zone 17 UTM X (Meters): 317367.8 UTM Y (Meters): 4708706.0

Elevation: 727 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 42083-E2 BIRMINGHAM, MI

Most Recent Revision: 1981

South Map: 42083-D2 ROYAL OAK, MI

Most Recent Revision: 1996

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

- 1. Groundwater flow direction, and
- 2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

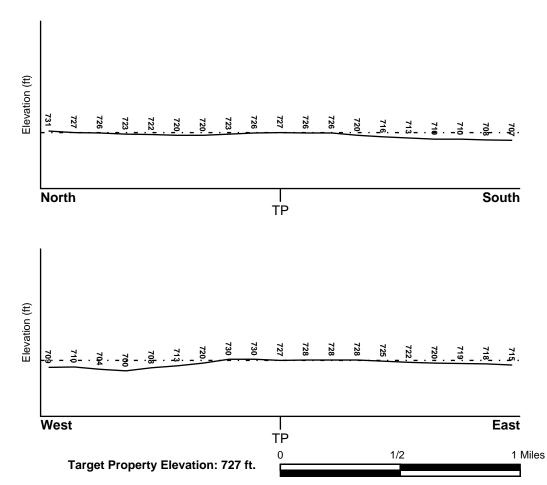
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

FEMA Flood Electronic Data

Target Property County OAKLAND, MI

YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:

26125C - FEMA DFIRM Flood data

Additional Panels in search area:

Additional Panels in Search area.

Not Reported

NATIONAL WETLAND INVENTORY

NWI Electronic

NWI Quad at Target Property

Data Coverage

BIRMINGHAM

YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

LOCATION GENERAL DIRECTION

MAP ID FROM TP GROUNDWATER FLOW

Not Reported

^{* ©1996} Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

GEOLOGIC AGE IDENTIFICATION

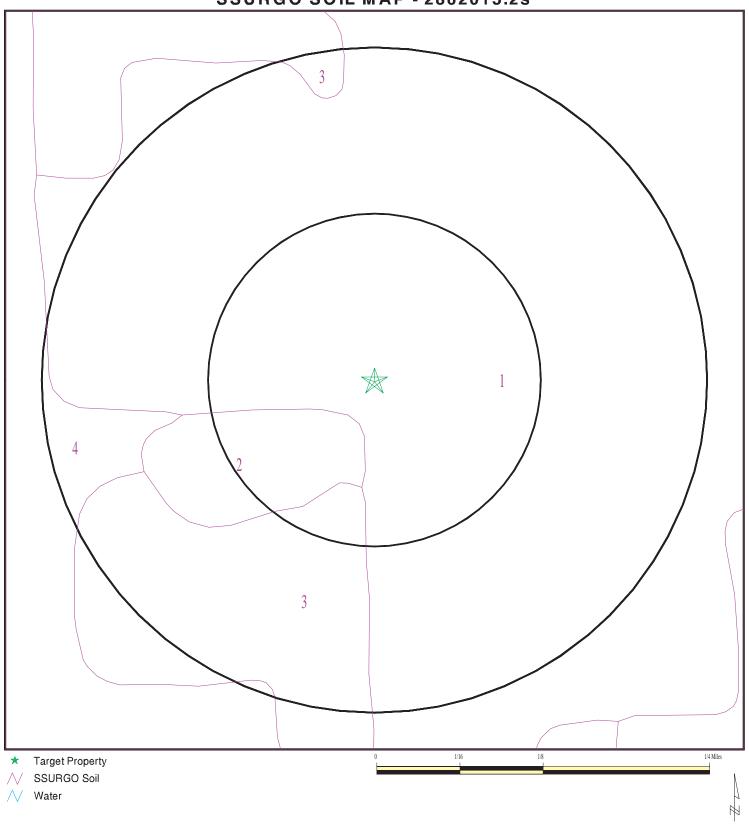
Era: Paleozoic Category: Stratified Sequence

System: Devonian
Series: Upper Devonian

Code: D3 (decoded above as Era, System & Series)

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 2862015.2s



SITE NAME: 30161 Southfield Road ADDRESS: 30161 Southfield Road

Southfield MI 48076 42.5111 / 83.2230 LAT/LONG:

CLIENT: Soil & Materials Engineers CONTACT: Johnny Phanthala INQUIRY #: 2862015.2s

September 03, 2010 10:09 am DATE:

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Urban land

Soil Surface Texture:

Hydrologic Group: Not reported

Soil Drainage Class: Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 2

Soil Component Name: Spinks

Soil Surface Texture: loamy sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to

excessively drained sands and gravels.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information										
	Boundary			Classification		Saturated hydraulic				
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec				
1	0 inches	9 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 5.6			
2	9 inches	25 inches	sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 5.6			
3	25 inches	59 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 5.6			

Soil Map ID: 3

Soil Component Name: Aquents
Soil Surface Texture: variable

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high

water table, or are shallow to an impervious layer.

Soil Drainage Class: Very poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information										
	Bou	ndary		Classif	ication	Saturated hydraulic				
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		Soil Reaction (pH)			
1	0 inches	59 inches	variable	Not reported	Not reported	Max: Min:	Max: Min:			

Soil Map ID: 4

Soil Component Name: Urban land

Soil Surface Texture: variable

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high

water table, or are shallow to an impervious layer.

Soil Drainage Class:

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 46 inches

No Layer Information available.

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE SEARCH DISTANCE (miles)

Federal USGS 1.000

Federal FRDS PWS Nearest PWS within 1 mile

State Database 1.000

FEDERAL USGS WELL INFORMATION

MAP ID WELL ID LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID WELL ID FROM TP

No Wells Found

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID WELL ID FROM TP

2 MI2098963 1/2 - 1 Mile North

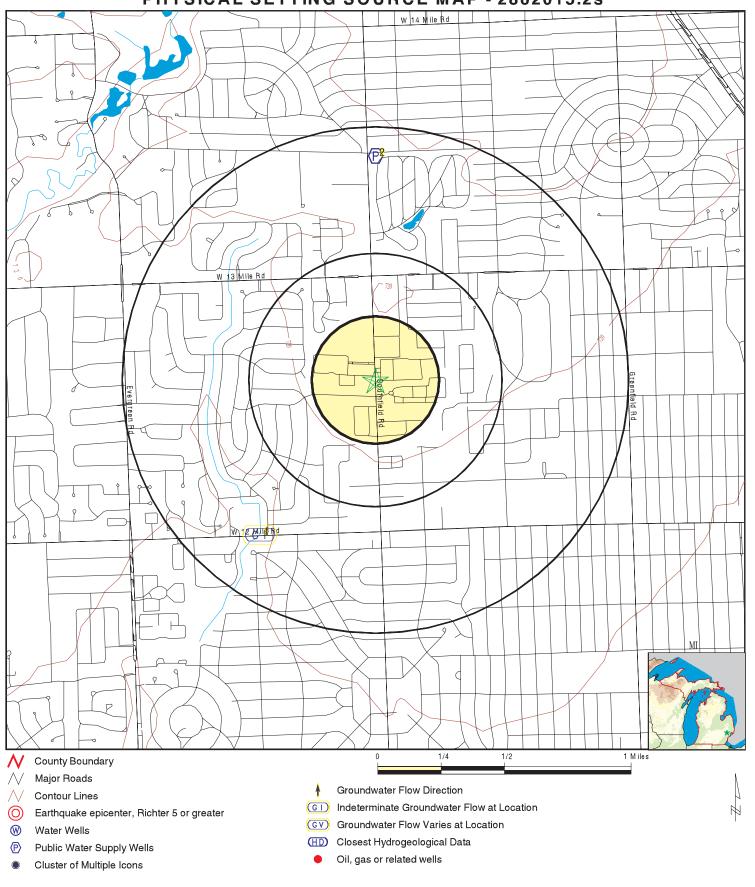
Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID WELL ID LOCATION FROM TP

No Wells Found

PHYSICAL SETTING SOURCE MAP - 2862015.2s



SITE NAME: 30161 Southfield Road

ADDRESS: 30161 Southfield Road

CONTACT: Johnny Phanthala

Contact AM 40076

LAT/LONG:

Southfield MI 48076 INQUIRY #: 2862015.2s 42.5111 / 83.2230 DATE: September 03, 2010 10:09 am

GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance

Elevation Database EDR ID Number

2 North 1/2 - 1 Mile Higher **FRDS PWS** MI2098963

PWS ID: MI2098963

Date Initiated: 7706 Date Deactivated: Not Reported

ACACIA PARK CEMETARY PWS Name:

31300 SOUTHFIELD **BEVERLY HILLS 48010**

System Owner/Responsible Party Addressee / Facility:

MRS GRACE MCKERCHEY

S

Facility Latitude: 42 31 26 Facility Longitude: 083 13 23

City Served: Not Reported

Treatment Class: Untreated Population: 00000025

Violations information not reported.

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: MI Radon

Radon Test Results

Test Type	Zip	Floor	Stop Date	Can	1 Res pCi/L	Can 1 Error	Can 2 Res pCi/L	Can 2 Error
	_							
Random	48076	0	3/2/88	LT	0.5			
Random	48076	0	3/6/88	1.1		19.6%		
Random	48076	0	12/17/87	LT	0.5			
Random	48076	0	12/18/87	8.0		20.9%		
Random	48076	0	1/8/88	1.0		20.2%		
Random	48076	0	1/9/88	1.1		23.4%	1.3	19.1%
Random	48076	0	4/23/87	1.3		19.1%		
Random	48076		5/3/87	1.7		12.7%		
Random	48076	1	1/8/88	1.7		12.4%		
Geographic	48076	0	3/25/88	1.1		16.8%		

State Database: MI Radon

Radon Test Results

Zip	Less than sign	Pci/L
48076		4.60
48076		0.80
48076		0.70
48076		0.30
48076		0.30
48076		0.30
48076		1.20
48076		1.10
48076		2.50
48076	<	0.30
48076		0.80
48076		1.60
48076		0.90
48076		3.60
48076		3.50
48076		1.60
48076		0.90

Federal EPA Radon Zone for OAKLAND County: 2

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal Area Radon Information for Zip Code: 48076

Number of sites tested: 7

Area Average Activity % <4 pCi/L % 4-20 pCi/L % >20 pCi/L

Living Area - 1st Floor 1.700 pCi/L 100%

Not Reported 0.900 pCi/L Living Area - 2nd Floor Not Reported Not Reported Not Reported 0%

Basement 100% 0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory Source: Department of Natural Resources

Telephone: 517-241-2254

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Data

Source: Department of Environmental Quality

Telephone: 517-335-9218

OTHER STATE DATABASE INFORMATION

Michigan Oil and Gas Wells

Source: Department of Natural Resources and Environment

Locations of oil and gas wells are compiled from permit records on file at the Geological Survey Division (GSD), Michigan Department of Natural Resources.

RADON

State Database: MI Radon

Source: Department of Environmental Quality

Telephone: 517-335-9551 Radon Test Results

Michigan Radon Test Results

Source: Department of Environmental Quality

Telephone: 517-335-8037

These results are from test kits distributed by the local health departments and used by

Michigan residents. There is no way of knowing whether the devices were used properly, whether there are duplicates (or repeat verification) test (i.e., more than one sample per home), etc.

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency

(USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey.

The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor

radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

STREET AND ADDRESS INFORMATION

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APPENDIX E INTERVIEW DOCUMENTATION USER QUESTIONNAIRE OWNER/OCCUPANT QUESTIONNAIRE

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PHASE I ENVIRONMENTAL ASSESSMENT (ESA) PROPERTY OWNER/OCCUPANT QUESTIONNAIRE

This questionnaire concerns the current and historical uses and conditions of the referenced property and will be included within the Phase I ESA report. Questionnaire answers should be based upon the owner/occupant's reasonable knowledge of current and historical use and activities at the property.

 Fill in all blanks. Indicate "NA" (not applicable), if appropriate. Attach additional pages with your signature if additional space is required.
Property Name: Cranbrook Centre Plaza
Property Location: 30161 Southfield Road, Southfield, MI County: Oakland State: Michigan
County: <u>Oakland</u> State: <u>Michigan</u>
Questionnaire Completed By/Title:
Company/ Phone Number:
On Behalf Of (if applicable):
Year of Purchase/Lease (circle one):
Time Period of Site Knowledge:
Names/Phone Numbers of Former Owners/Occupants:
Owners:
Occupants:
Names/Phone Numbers of other persons who have knowledge of property history:
values/1 hone (values of other persons who have knowledge of property history.
Property Description and Use
1. Provide a general description of the property:
☐ Undeveloped ☐ Vacant ☐ Wooded ☐ Buildings ☐ Other
2. Describe the structures present on the property (number, size, and construction date):
1 building approx - 36,850 sq. 4: 1973

Instructions:

3.	Iden	atify uti	ilities ava	ilable to the property (check box and indicate provider):
	9	Electr	ic:	
1		Gas:		
		Sanita	ry Sewe	···
		Storm	Sewer:	
	I	Munio	cipal Wat	er:
4.	Are	th ere a r	ny easem	ents at the property?:
		Yes))
	If yo	es, whe	re are the	easements located?: Unknown
5.	To t	he bes	t of your on the pi	knowledge, identify if the following were formerly (F) or are currently (C) roperty. Select NA if not applicable to the property.
	F	C	NA	On-site water supply wells
	F F	C	NA NA	Septic fields, drain fields, or dry wells
	F	C	NA NA	Abandoned wells Lagoons, settling ponds
	F	č	NA	Monitoring wells
	F	С	NA	Underground sumps, lines, basins, or tanks
	F	C	NA	Aboveground storage tanks (ASTs)
	F	C	NA NA	Transformers or capacitors Other BCB containing against and
	F F	C C	NA NA	Other PCB containing equipment Mines or pits
	F	С	NA	Hidden chemical materials or wastes
	F	C	NA	Dumps or landfills
	F	C	NA	Oil or gas wells or test holes
	F F	C C	NA NA	Unusual fill areas, such as foundry sand, etc. Barrel or drum storage areas
6.	7	What is	the gene	ral use of property:
		Inc	lustrial	Commercial Residential Other
7.	V	Vhat pr	oducts/s	ervices are produced/provided at the property?: <u>Almeral</u> affices
8.	V	Vhat ty	pe of on-	site processes are used at the property?:
9.	V	Vhat ty	pes of eq	uipment are used at the property?:
10.	v -	Vhat ra	w materi	als are used at the property?:

w			ciated with the p		disposal, hazardous waste d	uspo
				knou) N	_
roperty	and Adjoining	Properties -	Current and H	(istorical U	şe.	_
2. Are th	nere anv liquid o	r solid waste:	s generated at the	nroperty?		
	Yes			Unknow	1	
If yes	, please list the r	nonthly volu	me generated and	d explain di	sposal method:	_
						-
3. Is the	property or any	adjoining pro	perty currently u	ısed for an i	ndustrial use?	
	Yes			Unknow		
	Property 🗆 Adjoini	ng				
If yes,	explain briefly:		· · · · · · · · · · · · · · · · · · ·			_
comm waste	ercial printing f	acility, dry cl	operty currently operty currently operated to be compared to the currently operated to the curre	veloping la cycling faci	•	- facili or a
□ F	roperty 🗆 Adjoini	ıg				
If yes,	explain briefly:	Not	to th	e be	st down know	<u>)</u> -@
	nplete the curre					
			Name/Owne	r	Land Use	
Propert	y Idjoining proper	ties				_
	djoining proper					_
	joining properti				· · · · · · · · · · · · · · · · · · ·	
17.7	djoining propert	ian				_



	Yes		No .	□ Unknown	
□ P	roperty 🗆 Adjo	oining			
If yes,	explain brief	fly:			
repair t	facility, com	mercial print	ing facility, dry	istorically been used as cleaners, photo developal, processing, or recycling	oing laboratory, junkyaro
	Yes	□ N	o	Unknown	
⊔₽ı	roperty 🗆 Adjo	ining			
		-			
		-	·		
If yes,	explain brief	ly:	se table below:		
If yes,	explain brief	ly:torical land u	·		Dates
ease com	explain brief	ly:torical land u	se table below:		
If yes,	explain brief	torical land u	se table below:		
If yes,	explain brief	torical land u	se table below:		
lease comerevious userevious user	explain brief applete the his se of Propert se of propert se of propert se of propert	torical land u	se table below:		
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lease come vious usevious usev	explain brief applete the his se of Propert se of propert se of propert se of propert se of propert	torical land u	Owner		
ease comevious usevious usevio	explain brief applete the his se of Propert se of propert se of propert se of propert se of propert se of propert	torical land u	Owner	Use	Dates
ease come evious usevious usev	explain brief applete the his se of Propert se of propert se of propert se of propert se of propert and Historica ere currently ial batteries,	torical land u y ies to north ies to south ies to east ies to west Property (Owner Conditions here been previous, or other		r discarded automotive containers greater that
lease commercious us revious revious us revious rev	explain brief applete the his se of Propert se of propert se of propert se of propert se of propert and Historica ere currently ial batteries,	torical land u y ies to north ies to south ies to east ies to west Property (or have the pesticides, an 50 gallons	Owner Conditions here been previous, or other	riously, any damaged or chemicals (individual	r discarded automotive containers greater that

	Yes		No		Unknown
If yes	, describe th		stored on	the property	(volume, contents and dates of storage):_
or inc	any hazardo lustrial batto d/incinerateo	eries, or an	es, petrolet y other w	ım products.	unidentified waste materials, tires, automodels been dumped above grade, buried, an
	Yes		No		Unknown
	, identify the				
Are th	nere current eground or u	y, or have nderground	there beer	n the proper	• ,
П	Yes		No	<u>U</u>	Unknown
	. 1 00				
					s) of removal (if applicable):
If yes,	, identify the	location, da	ate(s) of us	e, and date(s	
. Are the ground on the	nere currentled, areas of property?	y, or have t	there been rete or aspl	e, and date(s	any vent pipes, fill pipes protruding from ss ways indicating an underground storage t
. Are the ground on the	nere currentled, areas of property?	y, or have t	there been rete or aspl	e, and date(s	any vent pipes, fill pipes protruding from ss ways indicating an underground storage t
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. Are the ground on the	nere currentled, areas of property? Yes	y, or have t	there been rete or aspl	previously,	any vent pipes, fill pipes protruding from ss ways indicating an underground storage t
. Are the ground on the	nere currentled, areas of property? Yes identify the	y, or have tatched conci	there been rete or aspl	previously,	any vent pipes, fill pipes protruding from ss ways indicating an underground storage t
. Are the ground on the	nere currentled, areas of participations of property? Yes identify the	y, or have tatched concerning	there been rete or aspl	previously,	any vent pipes, fill pipes protruding from ss ways indicating an underground storage to Unknown
If yes, . Are the ground on the If yes,	yes identify the	y, or have tatched conci	tors, or hyd	previously, halt, or access	any vent pipes, fill pipes protruding from ss ways indicating an underground storage to Unknown
If yes, Are the ground on the If yes,	yes identify the	y, or have tatched conci	tors, or hyd	previously, halt, or access	any vent pipes, fill pipes protruding from ss ways indicating an underground storage to Unknown Oment on the property? Unknown
If yes, Are the ground on the lif yes, If yes,	yes identify the ere transform Yes are there an	y, or have tatched concidents, capacion:	tors, or hyd	previously, halt, or accessive draulic equip	any vent pipes, fill pipes protruding from ss ways indicating an underground storage to Unknown Oment on the property? Unknown
If yes, Are the ground on the lif yes, If yes,	yes identify the ere transform Yes are there an	y, or have tatched concidents, capacion:	tors, or hyd	previously, halt, or accessive draulic equip	any vent pipes, fill pipes protruding from ss ways indicating an underground storage to Unknown Oment on the property? Unknown Of PCBs?:

Page 5 of 8

	onto th	il dirt been i ne property t	brought on hat origina	to the prop ed from a	perty that is contaminated	of unknown origin? Has fill dirt been broid site?
		Yes		No		Unknown
	If yes,	identify the	date and lo	cation of f	fill placemen	::
	than w	ere currently ater, or foul property?	, or have the odors, ass	nere been p ociated wi	previously, as th any floori	ny leaks, spills, or staining by substances ong, drains, walls, ceilings, or exposed ground
		Yes		No	9	Unknown
	If yes,	identify the	location an	d dates:		
		ere currently ent or dispos				y pits, ponds, or lagoons associated with w
		Yes		No	Q /	Unknown
	If yes,	identify the	location an	d dates:		
						
27.	Exclud propert	ing storm w	vater and sa wastewater	nitary was on or adja	te discharge acent to the p	into an existing storm/sanitary sewer, does roperty?
27.	Exclud propert	ling storm w by discharge Yes	wastewate	nitary was on or a dja	te discharge acent to the p	into an existing storm/sanitary sewer, does roperty? Unknown
	propert	y discharge Yes	wastewates	on or adja	acent to the p	roperty?
	propert	y discharge Yes	wastewates	on or adja	acent to the p	roperty? Unknown
28.	If yes,	Yes describe the	wastewater	No stewater a	nd identify d	roperty? Unknown
28.	If yes,	Yes describe the	wastewater	No stewater a	nd identify d	Unknown ischarge location:

Previously Identified Environmental Conditions

49.	produc proper	its, or	en inform environme	ntal v	iolations/	rent or pa s with resp	st (ect	existence of hazardous substances, petroleur to the property or any facility located on the
		Yes			No	[J	Unknown
	If yes,	briefly	explain:					
30.	Do you presend	i have ce of h	any knowle azardous si	ıbstar	ices or pe	vironmenta etroleum pr	ıl si odu	te assessment of the property that indicated that included the property?
		Yes		Ø	No]	Unknown
	If yes,	briefly	explain:					V
31.	the pro	perty?					,	onmental Assessment (BEA) been prepared fo
		Yes			No	G	1	Unknown
	If yes,	briefly	explain:					
	the rele	ase of	of any pen any hazard property?	ding, lous s	threatene ubstance	ed, or past is or petrole	law um	suits or administrative proceedings concerning products involving the property or any facility
		Yes		d	No			Unknown
	If yes,	briefly	explain:	· · · · · · · · · · · · · · · · · · ·				
	Do you recurred propert	nt viola	any knowl ations of er	edge viror	of environmental l	onmental li aws with re	ens	or government notification relating to past o
		Yes		N	No		1	Unknown
					110	_		CHRIOWI

controls/lar	nd use restrictions	ivity and land us that are in place state, or local la	at the	aitations (engineering controls or institutional e property and/or have been filed or recorded in
□ Ye	es 🖟	No		Unknown
If yes, iden	tify limitation/res	triction:		
TO 1710 WE 1-1 A 3 MONT	E BEST IVE BEEN IS, THE	OF CANDLOR MANAGINE ABOVE S.	179-17	LIMITED KNOWLEDEBE, AS HIS PRUPERTY FOR ROUGHLY EMENTS ARE TRUE AND
	K. S14-6-6	1017	(
Print	ed Name			Signature
DIETZ	PROPERTY	bypore	99	ent for Cranbrook Centre Office
Cor	npany		7	Title
9/	7/10			
Γ)ate			

PHASE I ENVIRONMENTAL ASSESSMENT – ALL APPROPRIATE INQUIRY USER QUESTIONNAIRE

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the Brownfields Amendments to CERCLA), the User of a Phase I Environmental Site Assessment (ESA) must consider the issues discussed below as part of the User's All Appropriate Inquiry (AAI) to identify Recognized Environmental Conditions (RECs) associated with the Property. This information should be provided to the Environmental Professional conducting the Phase I ESA so that a complete report can be issued.

The User may decide not to provide this information to the Environmental Professional; however, the absence of the information will be noted in the Phase I ESA report and may affect assessment conclusions. Under these circumstances, it will be the User's responsibility to determine if the Phase I ESA results, combined with results from the tasks described below, is sufficient to satisfy the requirements of All Appropriate Inquiry as defined by federal statute and regulation.

Instructions:

- 1. Fill in all blanks.
- 2. Indicate "NA" (not applicable), if appropriate.
- 3. Attach additional pages with your signature if additional space is required.

Property Name:	Proposed Redevelopment of the Cranbrook Centre Plaza
Property Location:	30161 Southfield Road, Southfield, MI
County: Oaklar	nd State: Michigan
Questionnaire Compl	eted By/Title: Laith M. Hermiz Executive Vice President
Company/ Phone Nur	mber: Agree Realty Coponation / 248-737.4190
On Behalf Of (if appl	icable):
Planned Date of Purcl	hase/Lease (circle one): Sept. 2010
Time Period of Site K	Inowledge: One Month



	SME Project No.	. PE54232C	-05
30161	Southfield Road	Southfield,	MI

30161 Southfield Road, Southfield, MI
1. Reason for Phase I ESA The User of the requested Phase I ESA must make the reason for the Phase I ESA known to the Environmental Professional. Otherwise, it must be assumed that the reason is to qualify for an LLP to CERCLA liability. Please indicate the reason for this Phase I ESA of the Property.
Due diligence/liability protection for purchase of the Property
☐ Due diligence/liability protection for lease of the Property
☐ Mortgage loan or refinance
☐ Foreclosure
Other; explain
2. Recorded Environmental Cleanup Liens and Activity/Use Limitations The User is responsible to ascertain, through personal knowledge and/or a review of reasonably ascertainable recorded land and judicial records, if any environmental liens have been filed on the Property and if any activity or use limitations (AULs) have been placed on the Property because of environmental impact. You may engage a title company or other capable professional to undertake the review of reasonably ascertainable records on your behalf.
Have you conducted, or arranged to have conducted, a review of land title records in which recorded liens and activity/use restrictions would be revealed?
□ Yes No
If yes, please specify who conducted the review:
If yes, please specify the types and locations of records reviewed:
Based on your personal knowledge and reviews of title records, are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state, or local law?
☐ Yes No
If yes, explain briefly:
Based on your personal knowledge and reviews of title records, are you aware of any activity and/or use limitations, such as engineering controls, land use restrictions, or institutional controls, that are in place at the property and/or have been filed or recorded in a registry under federal, tribal, state, or local law?
□ Yes /No

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	SME Project No. PE54232C-05 30161 Southfield Road, Southfield, MI
	If yes, identify the land use limitations/restrictions:
T)	
3.	Specialized Knowledge and Experience
present Special Could be environthe Property of the Property o	specialized knowledge or experience of the User that could indicate, or create suspicion of, the nice environmental contamination on the Property must be considered as part of the AAI process, alized knowledge or experience includes familiarity with historic activities on the Property that result in environmental impact, personal knowledge or experience that would indicate a risk of commental impact associated with past Property uses, knowledge of the environmental history of coperty, and any other information that could indicate environmental impact or threat of commental impact on the Property.
	e User of this environmental site assessment, do you have any specialized knowledge or ience related to the Property or adjoining properties?
	□ Yes
	If yes, explain briefly:
4.	Photodian of Providence Deign to Value
	Relationship of Purchase Price to Value
value prope for th	rically, environmentally contaminated properties often have been sold at prices below market to entice buyers to acquire the property, contamination, and resultant liabilities; therefore, if a crty's sale price is significantly below market value without any obvious impairments or reasons e reduced price, the potential for environmental impact as a cause of the reduced price must be
value prope for the evalue Does	rically, environmentally contaminated properties often have been sold at prices below market to entice buyers to acquire the property, contamination, and resultant liabilities; therefore, if a crty's sale price is significantly below market value without any obvious impairments or reasons e reduced price, the potential for environmental impact as a cause of the reduced price must be ated. the purchase price being paid for this Property reasonably reflect the fair market value of the
value prope for th evalu Does prope	rically, environmentally contaminated properties often have been sold at prices below market to entice buyers to acquire the property, contamination, and resultant liabilities; therefore, if a crty's sale price is significantly below market value without any obvious impairments or reasons e reduced price, the potential for environmental impact as a cause of the reduced price must be ated. the purchase price being paid for this Property reasonably reflect the fair market value of the
value prope for th evalue Does prope	rically, environmentally contaminated properties often have been sold at prices below market to entice buyers to acquire the property, contamination, and resultant liabilities; therefore, if a crty's sale price is significantly below market value without any obvious impairments or reasons e reduced price, the potential for environmental impact as a cause of the reduced price must be ated. the purchase price being paid for this Property reasonably reflect the fair market value of the crty?
value prope for th evalue Does prope	rically, environmentally contaminated properties often have been sold at prices below market to entice buyers to acquire the property, contamination, and resultant liabilities; therefore, if a crty's sale price is significantly below market value without any obvious impairments or reasons e reduced price, the potential for environmental impact as a cause of the reduced price must be ated. the purchase price being paid for this Property reasonably reflect the fair market value of the crty? Yes No No re is a significant negative difference, can you identify the reason for the reduced price versus

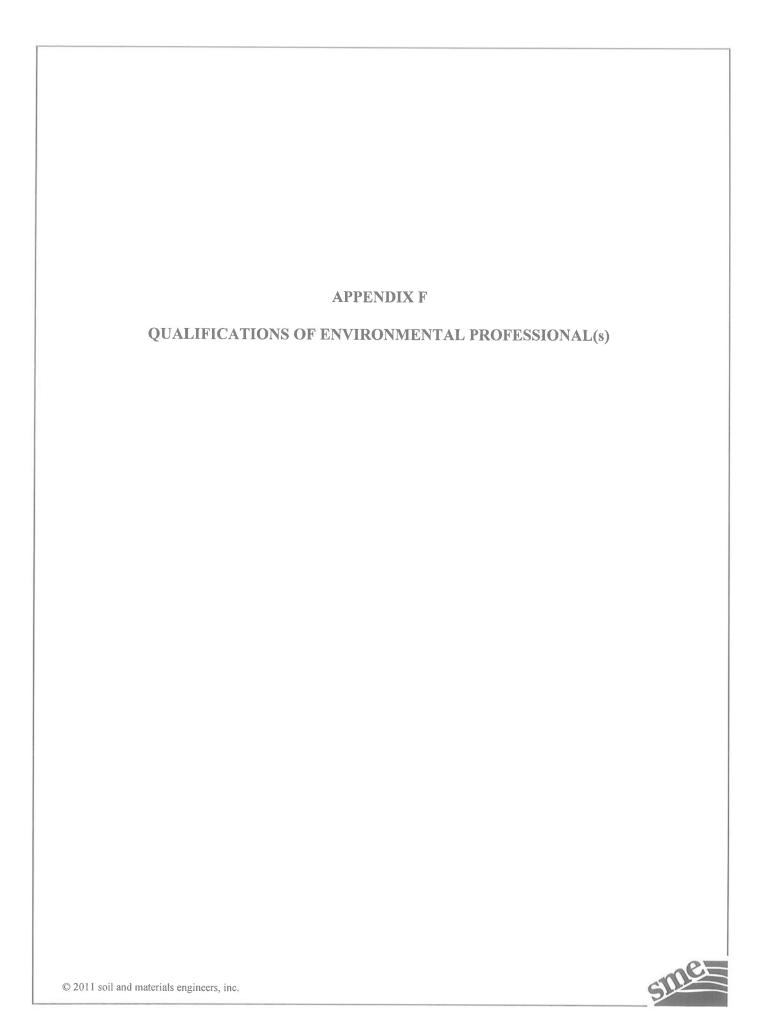
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SME Project No. PE54232C-05 30161 Southfield Road, Southfield, MI

asce cont clea	Commonly Known or Reasonably Ascertamable Information re you become aware, through conversations, rumor, etc., of any commonly known or reasonably retainable information within the local community that would indicate the Property could be taminated (e.g. types of past uses, presence of storage tanks, use of chemicals, environmental mups, etc.) or that any past event (e.g. fire, chemical spill, accident, etc.) could have resulted in ironmental impact of the Property or adjoining properties.
	□ Yes /× No
	If yes, explain briefly:
	Proceedings Involving the Property you, the User of this environmental site assessment, based on your knowledge and experience ted to the property, have any knowledge of any of the following:
	Pending, threatened, or past litigation related to hazardous substances or petroleum products in, on or arising from the Property?
	□ Yes
	If yes, explain briefly:
Ø	Pending, threatened, or past administrative proceedings related to hazardous substances or petroleum products in, on or arising from the Property?
	□ Yes ⊅ No
	If yes, explain briefly:
	Notices from any governmental entity regarding any possible violation of environmental laws or regulations or possible liability relating to hazardous substances or petroleum products in, on or arising from the Property?
	□ Yes № No
	If yes, explain briefly:
de la companya de la	Printed Name 8/24/10 Date Signature

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Manager Development Services

Manages property development and redevelopment projects that benefit from such services as brownfield financial incentives consulting, environmental and geotechnical evaluations, property condition assessments, hazardous materials assessment, and construction materials testing. Provides cost-saving solutions to constructability and due care challenges through effective communication of combined environmental and geotechnical data. Special expertise in environmental property assessment including Phase I and Phase II Environmental Site Assessments (ESAs), Baseline Environmental Assessments (BEAs), and due care assessments.

Professional Qualifications:

- > Manages development and redevelopment projects with special emphasis on assisting clients with due diligence related activities.
- > Leader on corporate Development/Redevelopment Market team, with focus on spurring local economic development and providing consulting services to make projects viable.
- Skilled in preparation of compliance documents pursuant to SARA Title III.
- > Experienced in providing health and safety training to employees of manufacturing and industrial facilities.
- > Specialized in providing environmental property assessments to the development and healthcare industry.

Representative Project Experience:

- > Performed and/or managed over 400 Phase I/II ESAs, BEAs, and due care evaluations for commercial and industrial sites in Michigan.
- > Provided development/redevelopment consulting for a major lender's branch expansion program in southeast Michigan, with special emphasis on resolving environmental due diligence and constructability challenges at over 40 sites in southeast Michigan.
- Managed Phase I/II ESAs, BEAs, due care assessments and NEPA assessments for a major well-known cellular communications corporation at over 50 sites in southeast Michigan within a 12-month period.
- > Provided technical review of environmental due diligence reports for brownfield redevelopment projects in Michigan, including major redevelopments of 50+ acre industrial sites into mixed-use and residential developments.
- Managed Phase I/II ESAs, BEAs, due care assessments, asbestos and lead paint assessments, and drinking water evaluations for a branch of the United States government at over 30 sites across Michigan.
- > Provided oversight of subsurface contamination investigations related to underground storage tank releases for over 30 sites in southeast Michigan.
- > Prepared and/or reviewed SARA Title III compliance documentation for various automotive suppliers and plastics processing plants in southeast Michigan, as well as for a major automobile manufacturer.
- > Provided health and safety training pursuant to the OSHA Hazard Communication standard for a major automotive supplier in southeast Michigan.
- * Career History: SME since 1996 G.R. Kunkle & Associates since 1992

Teaching Experience: Eastern Michigan University

40-Hour HAZWOPER Course

Education: B.S., Medical Physics, Oakland University

M.S., Hazardous Waste Management, Wayne State University Registered Environmental Manager (REM), National Registry of

Environmental Professionals

Commercial Real Estate Women (CREW) Network - Detroit 2008 Past Presidents Council, 2006 President and National Delegate

* Honors/Awards: "Athena Award" Nominee, 2007, Macomb Foundation

"40 Under 40" Competition Winner, 2006, Crain's Detroit Business

"Most Influential Women of 2004," Business Direct Weekly

"Industry Achievement Award," 2004, WSU College of Engineering



Certifications:

Affiliations:

Staff Engineer

Provides field engineering and construction material services. Performs Phase I and Phase II Environmental Site Assessments (ESAs). Also assists with projects related to vibration monitoring, material quantity take-off, and building condition assessments.

Professional Qualifications:

- Experienced in construction materials testing including subgrade verification, visual engineering soil classification, soil density, plastic concrete, maturity of concrete, bituminous asphalt density, and masonry. Field inspects installation of reinforcing steel and post-tension tendons prior to concrete placement.
- > Experienced in deep foundation construction such as auger-cast piles, secant auger-cast retaining walls, vibratory stone columns, and controlled modulus columns.
- > Experienced in conducting Phase I ESAs for real estate transactions including property reconnaissance, historical data research and report preparation. Conducts lead-base paint, soil and groundwater sampling for analysis.
- > Experienced with measuring and evaluating vibrations generated from dynamic compaction, pile driving, and removal of piling.

Project Experience:

- ➤ Lead Field Engineer for the \$136 million G.R. Ford Airport Parking Ramp project in Grand Rapids, Michigan. Services consisted of typical construction materials testing and also included services associated with post tensioning, concrete shrinkage, and concrete water/cement ratio. Responsible for construction materials testing, scheduling of services and daily field reports. Other similar projects include Michigan Street Development and Riverhouse Condominiums in Grand Rapids, Michigan and Accident Fund Parking Ramp in Lansing, Michigan.
- > Performed numerous Phase I and Phase II ESAs on residential, commercial, industrial, agricultural, and vacant land throughout Michigan's Lower Peninsula and northern Indiana
- > Field engineer on the Butch's Tackle Soil Removal project in Bellaire, Michigan where secant auger-cast piles were installed to support an existing structure during removal of contaminated soils.

* Career History: SME since June, 2006 – SME 2004 and 2005 Co-op/Internship

Education: B.S., Civil and Environmental Engineering, University of Michigan

Certifications: Certified Level I Field Personnel for Unbonded Post-Tensioning – PTI

Structural Masonry Special Inspector, ICC

40-Hour HAZWOPER Course, Metro Occupational Trainers

Fall Protection 1-Hour Training Course, SME Certified Nuclear Density Meter Operator – Troxler

* Affiliations: American Society of Civil Engineers

University of Michigan Alumni Association University of Michigan Club of Grand Rapids



Senior Consultant

Mr. Egan provides senior technical consulting and project management expertise in the areas of brownfield redevelopment and financing, site investigation and remediation, environmental due diligence, RCRA Corrective Action, environmental regulatory compliance, and environmental chemistry.

Professional Qualifications:

33 years experience in environmental evaluations and consulting, including 13 years experience with the Ohio Voluntary Action Program (VAP).

Served as Certified Professional (CP) or principal author for 15 No Further Action (NFA) letters for redevelopment projects that received Covenant Not to Sue Status.

Obtained approximately \$10 million in Clean Ohio Revitalization Fund (CORF) and Clean Ohio Assistance Fund (COAF) grants for redevelopment projects.

Successfully prepared a U.S. EPA Brownfield Pilot Project grant application.

Expert in liability management and due care planning for property transactions, brownfield redevelopment planning and environmental response actions, and identification and acquisition of financial incentives for brownfield redevelopments

Expert at environmental site investigations and development of remediation alternatives for industrial and commercial facilities, UST sites, and RCRA Corrective Action facilities.

* Representative Project Experience:

- Successfully prepared the \$2.9 million CORF grant application for Clean Ohio funds to remediate and redevelop a former shingle manufacturing facility in Lockland, Ohio. Funds were used to demolish buildings, remediate impacted soil and install underground utilities. Managed the site investigation, remediation, and redevelopment of the property as well as CORF budgeting and invoicing. Prepared the Phase I and II Property Assessments, Remedial Action Plan, and Remedial Implementation Report.
- Served as the CP for a former asbestos-containing building material manufacturing facility. Prepared a work plan in response to deficiencies contained in a No Further Action Letter prepared by others. The plan addressed trace levels of asbestos in the soil. Recommended and monitored an air sampling plan approved by the State of Ohio. Prepared a revised Phase II Property Assessment, a Property-Specific Risk Assessment, new Executive Summary and Filing Document, and NFA letter for this COAF supported project.
- Served as the CP for a former china manufacturing facility that was redeveloped for commercial and recreational use. The site was heavily impacted with lead requiring remediation of the soil and sediments. Remediation required interagency cooperation between VAP, the Division of Surface Water, Division of Hazardous Waste Management, and the Division of Solid and Infectious Waste. Prepared the Phase I and II Property Assessments, Property-Specific Risk Assessment, Remedial Implementation Report, and the Executive Summary and Filing Document. The project received Covenant Not to Sue status.
- > Project manager for the remedial investigation of five Superfund sites in Ohio, Kentucky and California.
- Project manager for underground storage tank sites obtaining No Further Action status for over 50 Ohio sites using a risk-based approach.
- Project manager for over 100 Phase I/II site assessments for due diligence related to property transfers and corporate acquisitions and divestitures in several states.

Career History: SME since May, 2010 - Other firms from 1977

Education:

B.S., Environmental Science, University of Arkansas Graduate Studies in Geology, University of Oklahoma Certified Professional – State of Ohio VAP Program

* Registrations:

40-Hour HAZWOPER Course

webdrive/marketing/resumes/sme/egan (6/10)

consultants in the geosciences, materials, and the environment

Senior Consultant

- > Served as the CP for a former scrap metal recycling facility now developed for commercial use. This site was heavily impacted with metals and petroleum hydrocarbons requiring remediation of the soil. Prepared a Property-Specific Risk Assessment, Remedial Implementation Report, and the Executive Summary and Filing Document. The project received Covenant Not to Sue status.
- Project manager for all phases of the VAP project at a lead impacted property in Ohio. Developed a sampling strategy, provided oversight of field activities, and prepared Phase I and II Property Assessments and Remedial Implementation Reports. The project received Covenant Not to Sue status and is being transformed into a residential development.
- Managed all phases of the VAP projects at two aircraft parts machining facilities in Cincinnati, Ohio. Project included development of the sampling strategy, oversight of field activities, and preparation of the Phase II Property Assessment and Project-Specific Risk Assessment reports. A Covenant Not to Sue was issued for both properties.
- Managed the VAP assessment of a former linoleum manufacturing facility now developed for residential use. Project included development of the sampling strategy, oversight of field activities, and preparation of the Project-Specific Risk Assessment report. Remediation of this property was driven by residential direct contact and site-specific leaching standards. During the remediation, continually performed cumulative risk analysis and leaching modeling to assess if the current concentrations remaining at the property posed a risk to human receptors and groundwater. This approach prevented unnecessary soil remediation. A Covenant Not to Sue was issued for this property.
- Managed the VAP activities related to redevelopment of a former paper mill. Developed the sampling strategy, provided oversight of field activities, and prepared the Phase II Property Assessment and Project-Specific Risk Assessment reports. The key to the success of this project was development of a site-specific lead leaching standard based on bench scale leachability tests, the first to be approved by OEPA. A Covenant Not to Sue was issued for this site.

